

APPENDIX B – DATA

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B1.0 STREAM FLOW DATA

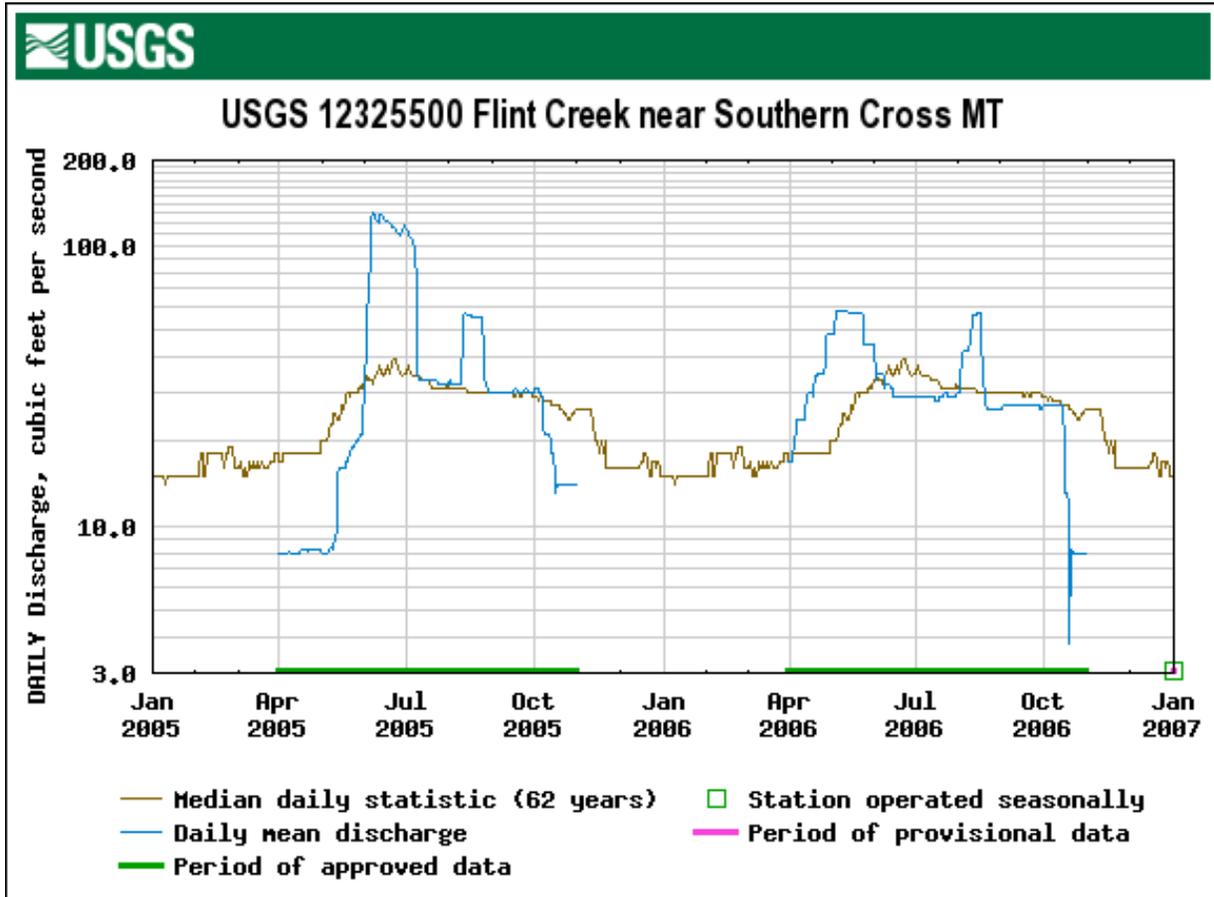


Figure B-1. Stream Flow Data - Flint Creek near Southern Cross, MT

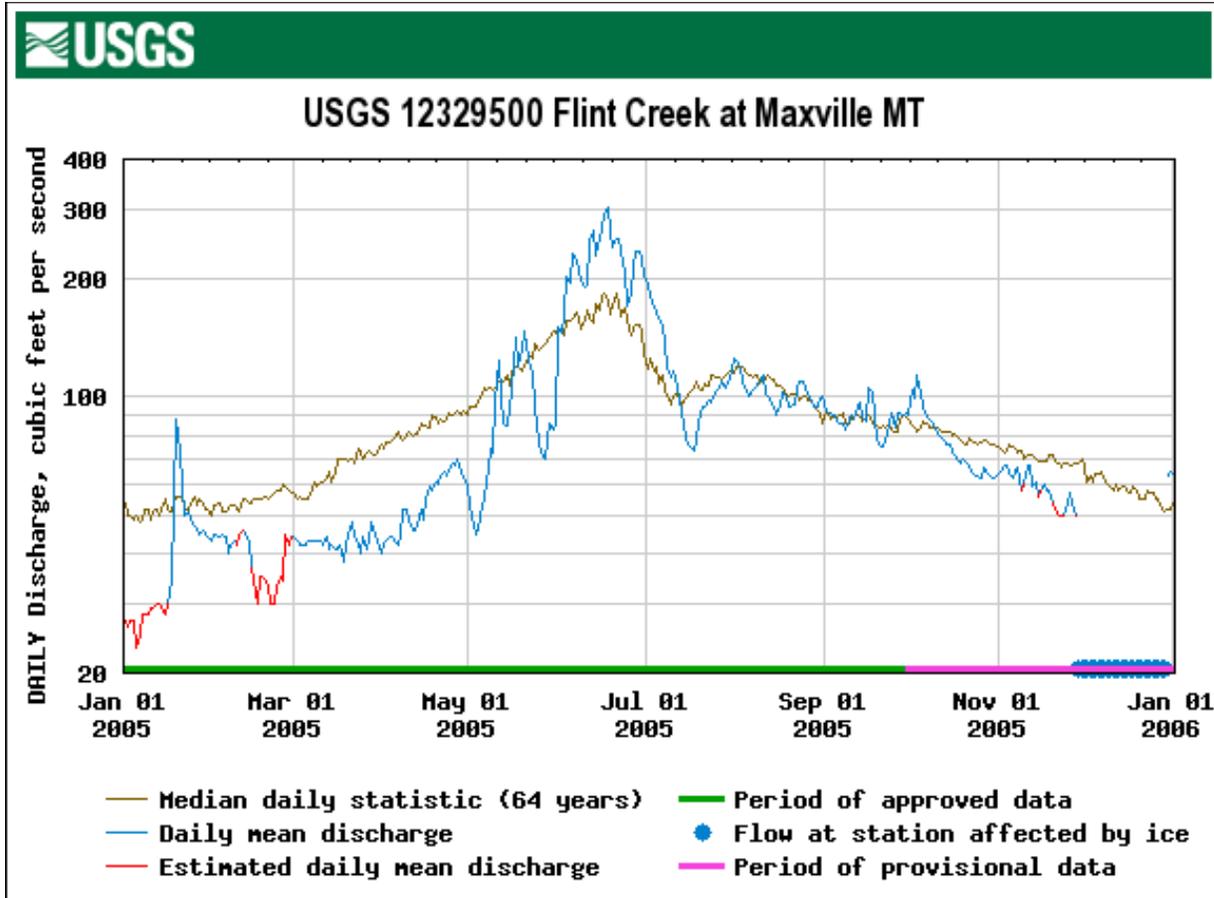


Figure B-2. Stream Flow Data - Flint Creek at Maxville, MT

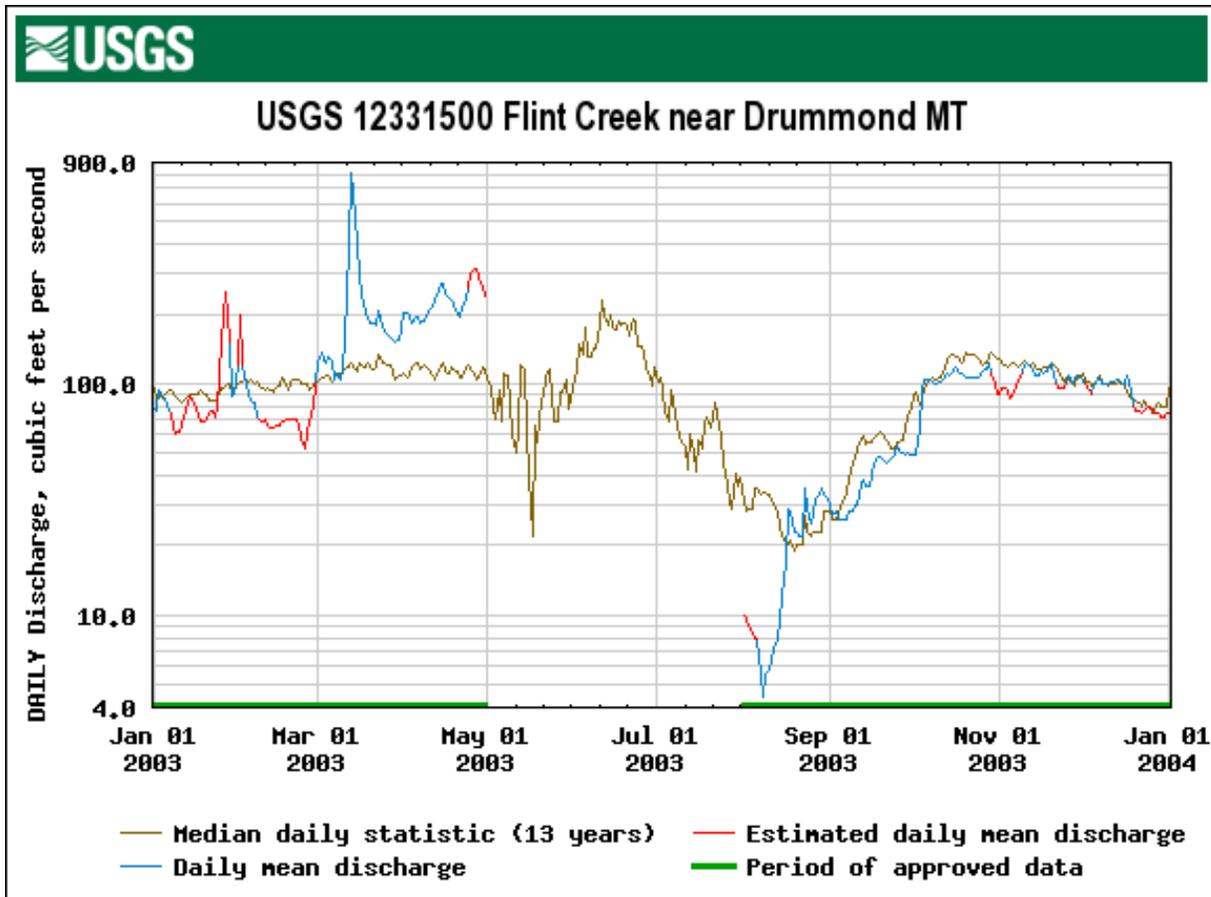


Figure B-3. Stream Flow Data - Flint Creek near Drummond, MT

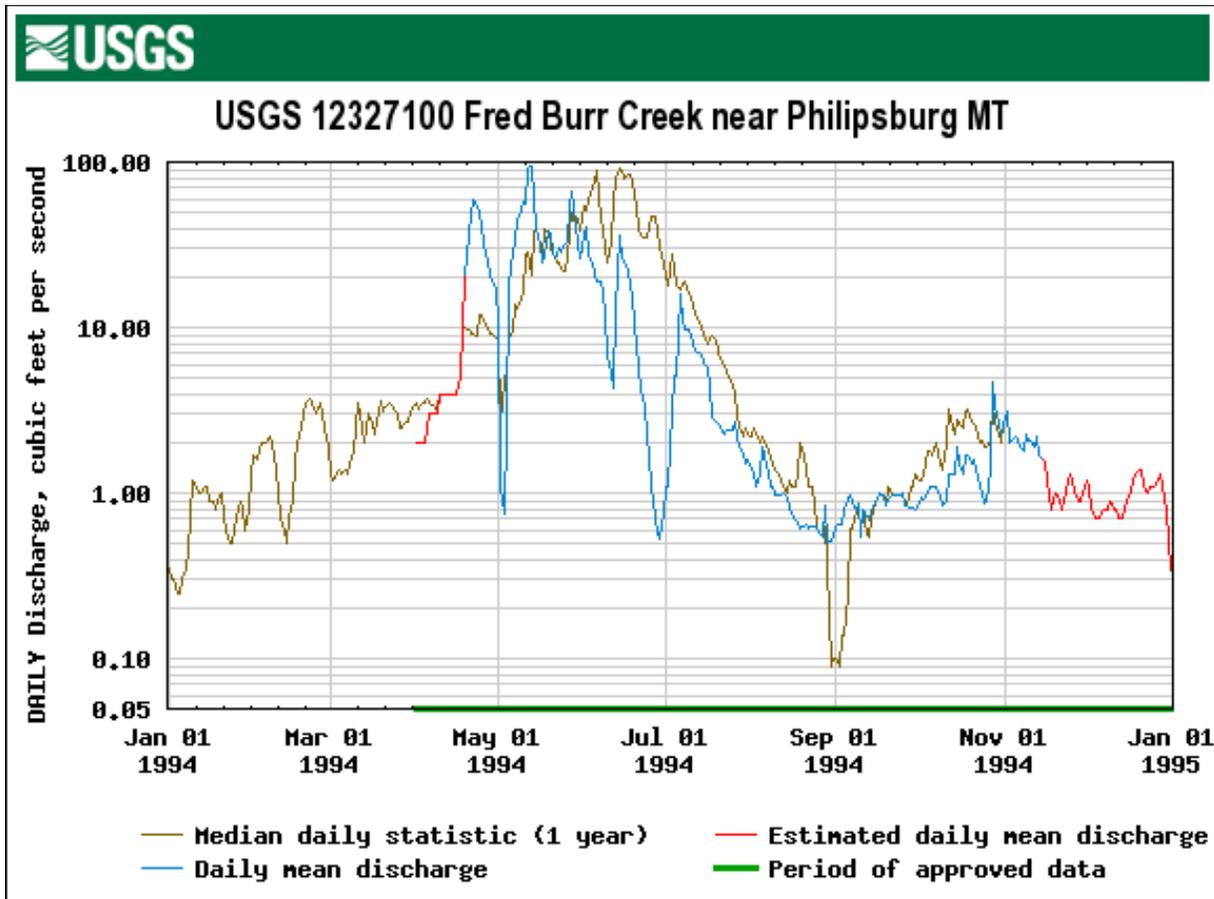


Figure B-4. Stream Flow Data - Fred Burr Creek near Phillipsburg, MT

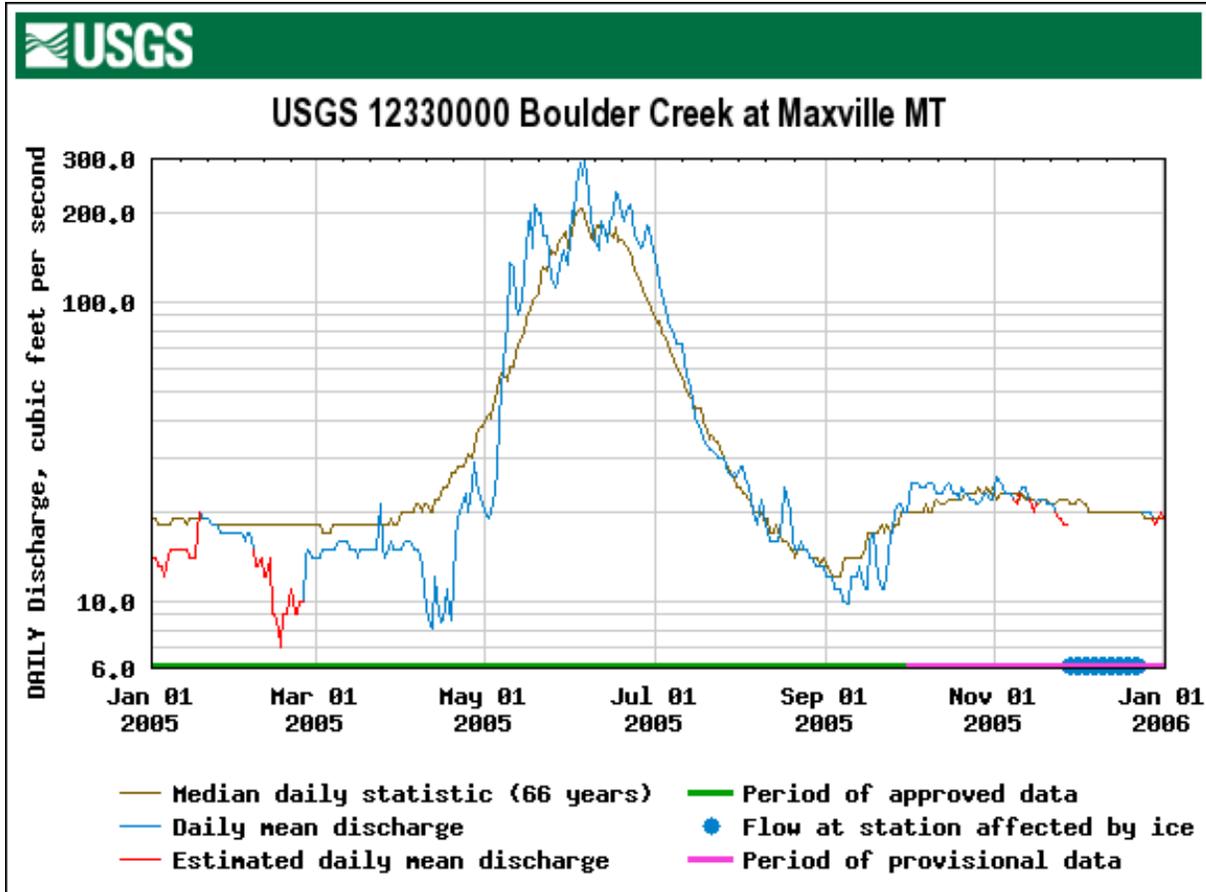


Figure B-5. Stream Flow Data - Boulder Creek at Maxville, MT

B2.0 SURFACE WATER CHEMISTRY

Table B-1. FLINT CREEK TMDL PLANNING AREA SURFACE WATER CHEMISTRY

FLINT CREEK NEAR DRUMMOND (12331500)	11/18/03	4/21/04	5/18/04	6/2/04	6/14/04	8/23/04	MEAN
Discharge (cfs)	111	88	8.3	39	134	57	73
pH	8.4	8.4	8.3	8.5	8.4	8.2	8.4
SC (µS/cm)	345	305	398	403	288	501	373
Air Temp °C	7.5	-2	12	22	15.5	12	11.2
H2OTemp °C	2.5	3	9	13.5	11	12.5	8.6
Hardness as CaCO3	160	140	200	190	140	240	178
Ca (mg/L) filtered	44.1	38.6	54.9	53.1	38.3	64.6	48.9
Mg (mg/L) filtered	13.2	11.4	14.4	12.8	10.4	18.7	13.5
As (µg/L) filtered	6.2	10.9	9.7	9	8.1	12.3	9.4
As (µg/L) unfiltered	7	10	11	11	13	15	11.2
Cd (µg/L) filtered	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	--
Cd (µg/L) unfiltered	E0.03	0.04	E0.02	E0.02	0.05	0.07	0.1
Cu (µg/L) filtered	0.7	1.2	1.1	1.3	1.2	1.7	1.2
Cu (µg/L) unfiltered recoverable	1.9	4.7	1.4	1.8	3	2.8	2.6
Fe (µg/L) filtered	E6.0	9	15	14	17	42	19.4
Fe (µg/L) unfiltered recoverable	180	250	90	130	270	480	233
Pb (µg/L) filtered	E0.05	0.09	0.09	0.11	0.21	0.12	0.1
Pb (µg/L) unfiltered recoverable	2.56	3.17	0.8	1.6	5.28	4.27	2.9
Mn (µg/L) filtered	22.2	33	78.6	55.8	30	75	49.1
Mn (µg/L) unfiltered recoverable	64	77	97	85	101	269	116
Zn (µg/L) filtered	1.3	1.8	1.6	1.2	1.7	1.7	1.6
Zn (µg/L) unfiltered recoverable	8	10	4	5	14	14	9.2
Suspended sediment %<.063mm	93	88	90	87	84	89	89
Suspended sediment (mg/L)	8	12	4	7	15	26	12.0
Suspended sediment (tons/day)	2.4	2.9	0.09	0.74	5.4	4	2.6

Key:

pH: pH value, in standard units.

SC: Specific conductance, in micromhos.

Ca (mg/l): Concentration of calcium in milligrams per liter (ppm).

Mg (mg/l): Concentration of magnesium in milligrams per liter (ppm).

As (ug/l): Concentration of arsenic in micrograms per liter (ppb).

Cd (ug/l): Concentration of cadmium in micrograms per liter (ppb).

Cu (ug/l): Concentration of copper in micrograms per liter (ppb).

Fe (ug/l): Concentration of iron in micrograms per liter (ppb).

Pb (ug/l): Concentration of lead in micrograms per liter (ppb).

Mn (ug/l): Concentration of manganese in micrograms per liter (ppb).

Zn (ug/l): Concentration of zinc in micrograms per liter (ppb).

Flags:

E: Estimated

(Ground-Water Information Center Online 1998 – 2006)

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	Twon	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure
2001Q0512	153180	LILLBERG JOHN	46.1913	-113.3086	NAV-GPS	NAD27	05N	14W	14	AACA	GRANITE	WELL	1125NGR	60	7/10/1995	MBMG	8/27/2000 13:19	5.5	MBMG	8.16	317	42.5	12.9	1.88	0.623	<.005	<.001	11.6	187.1	0	11.8	0.727	<.05	<.05	<1	<30	<1	<30	<30	48.7	<2	<50	<2	<2	<2	<2	<2	3.28	<10	<2	<2	<2	<1	55.6	<1	<5	<5	3.52	<2	DISSOLVED		
2001Q1537	137458	KAMPF JOEL	46.3817	-113.3568	NAV-GPS	NAD27	07N	14W	9	ABBB	GRANITE	WELL	400MSSL	260	9/10/1993	MBMG	5/8/2001 14:36	10.5	MBMG	7.62	143	9.94	9.79	6.37	0.784	<.005	<.001	20	90.3	0	5.77	0.978	<.5 P	0.078	<.05	<1	<30	6.34	<30	192	<2	<50	<2	<2	<2	<2	<2	6.26	<10	<2	<2	<2	<1	69.4	<1	<5	<5	12.3	<2	DISSOLVED		
2001Q0792	52319	ECCLESTON SYLVAN W.	46.1845	-113.3237	NAV-GPS	NAD27	05N	14W	14	CBDB	GRANITE	WELL	400MCRB	220	8/26/1983	MBMG	10/16/2000 11:55	6.5	MBMG	7.88	293	38.6	12.5	2.38	0.538	0.012	0.002	12.6	177.6	0	5.08	1.21	.606 P	0.102	<.05	<1	<30	<1	<30	49.3	<2	<50	<2	<2	<2	<2	<2	3.44	<10	<2	<2	<2	<1	55	<1	<5	<5	113	<2	DISSOLVED		
2001Q1591	53601	DISCOVERY SKI AREA	46.2495	-113.2377	NAV-GPS	NAD27	06N	13W	28	BBDC	GRANITE	WELL	400MSSL	110	10/14/1985	MBMG	5/21/2001 14:15	5.5	MBMG	7.51	283	52.4	3.77	1.94	3.31	0.005	0.001	14.3	179.8	0	3.81	0.372	<.5 P	<.05	<.05	<1	<30	2	<30	37.8	<2	3.4	<2	<2	<2	<2	1.71	<10	<2	<2	<2	<1	44.3	<1	<5	<5	46	<2	DISSOLVED			
1996Q0674	154593	DENNIS BILL * DNRC FLINT CREEK FC-C1	46.2438	-113.3476	NAV-GPS	NAD27	06N	14W	27	CBBB	GRANITE	WELL	3005DMS	138	2/7/1996	MBMG	4/18/1996 15:55	8.6	MBMG	7.19	478	54.6	19.8	12.5	5.3	0.187	0.011	49.6	266	0	<50.0	10.4	.371 P	<.5	<2.5	<1	<30.	1.7	<80.	136.1	<2.	<2.	<2.	<2.	8	<10.	8.1	<2.	<2.	<2.	<1.	265	<10.	<5.	2	<20.	DISSOLVED					
2003Q1066	154593	DENNIS BILL * DNRC FLINT CREEK FC-C1	46.2438	-113.3476	NAV-GPS	NAD27	06N	14W	27	CBBB	GRANITE	WELL	300SDMS	138	2/7/1996	MBMG	5/9/2003 12:00	8.2	MBMG	7.7	423	52.4	18.7	11.6	5.3	0.085	0.005	45.6	224.3	0	13.8	4.49	16.6 P	<.05	<.05	<1	<30	2.83	<30	118	<2	<50	<1	<2.	<2.	<2.	<2.	<5	5.72	<10	<2	<2	<2	<1	275	<1	<5	<5	27.7	<2	DISSOLVED	
2001Q0904	53613	CHOR MARLENE	46.2822	-113.3418	NAV-GPS	NAD27	06N	14W	10	CCDD	GRANITE	WELL	120SICL	82	5/22/1971	MBMG	10/30/2000 13:06	9.8	MBMG	7.9	273	27.6	11.8	7.63	0.442	0.008	0.002	15.4	155.4	0	5.42	2.34	<.5 P	0.104	<.05	<1	<30	1.54	<30	35.3	<2	<500	<2	<2	<2	<2	<2	<2	3.45	<10	<2	<2	<2	<1	66.9	<1	<5	<5	29.7	<2	DISSOLVED	

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	Twn	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure
2001Q0510	52347	MILLIKEN RAY	46.1662	-113.2989	NAV-GPS	NAD27	05N	14W	24	CCDA	GRANITE	WELL	400MCRB	240	6/21/1974	MBMG	8/27/2000 14:30	5.4	MBMG	8.1	370	58.1	9.67	1.97	0.671	<.005	<.001	9.62	218.4	0	7.91	1.17	<.99 P	<.05	<.05	<1	<30	<1	<30	94.1	<2	<50	<2	<2	<2	4.18	2.26	<10	<2	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED		
	127269	METESH WILLIAM	46.2268	-113.3191	NAV-GPS	NAD27	06N	14W	35	CDBB	GRANITE	WELL	400MSSL	390	3/21/1992	MBMG	10/27/2000 17:00	9.9	MBMG	6.64	125	8.75	6.24	4.92	1.69	0.055	0.006	28	67.2	0	<2.5	1.63	<.5 P	0.103	<.05	<1	<30	<1	<30	431	<2	<50	<2	<2	<2	4.18	2.26	<10	<2	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED		
	55974	MCDONALD J W	46.319	-113.3239	NAV-GPS	NAD27	07N	14W	35	BCAC	GRANITE	WELL	112SNGR	53	5/8/1969	MBMG	5/2/2001 14:01	5.9	MBMG	6.77	285	33.2	7.72	16	1.31	0.031	<.001	14.7	170.8	0	5.63	1.45	<.5 P	0.14	<.05	<1	<30	<1	<30	72.5	<2	<50	<2	28.2	2.26	6.41	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED				
	53637	MCCLAIN GEORGE	46.2293	-113.3875	NAV-GPS	NAD27	06N	14W	32	CBBB	GRANITE	WELL	400MCRB	95	7/27/1986	MBMG	4/18/1996 11:32	8.3	MBMG	7.62	379	52	13.4	6.6	2.9	0.013	0.208	17	225	0	<50.0	<10.0	<.25 P	<.5	<2.5	<1	<30	<1	<30	280.2	<2	<2	<2	<2	28.2	6.41	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED				
	53637	MCCLAIN GEORGE	46.2293	-113.3875	NAV-GPS	NAD27	06N	14W	32	CBBB	GRANITE	WELL	400MCRB	95	7/27/1986	MBMG	10/30/2000 15:38	8.3	MBMG	7.79	382	51.9	13.2	6.95	2.71	0.014	0.05	15.7	225.5	0	8.83	2.53	<.5 P	<.05	<.05	<1	<30	<1	<30	267	<2	<50	<2	<2	<2	28.2	6.41	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED			
	53637	MCCLAIN GEORGE	46.2293	-113.3875	NAV-GPS	NAD27	06N	14W	32	CBBB	GRANITE	WELL	400MCRB	95	7/27/1986	MBMG	10/30/2000 15:38	8.3	MBMG	7.79	382	51.9	13.2	6.95	2.71	0.014	0.05	15.7	225.5	0	8.83	2.53	<.5 P	<.05	<.05	<1	<30	<1	<30	267	<2	<50	<2	<2	<2	28.2	6.41	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED			
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					
	55950	MARSHALL CREEK RANCH	46.368	-113.3658	NAV-GPS	NAD27	07N	14W	9	CCCC	GRANITE	WELL	400MSSL	125	6/16/1983	MBMG	5/9/2001 15:35	8.7	MBMG	6.69	114	11.1	5.02	7.64	3.41	<.005	<.001	61.3	74.2	0	4.29	2.93	<.5 P	0.111	<.0	<1	<30	1.56	<30	13.8	<2	<50	<2	2.76	6.79	<10	<2	<2	<2	<1	48.7	<1	<5	<5	864	<2	DISSOLVED					

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	TwN	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure	
1985Q1190	5804	LETFORD DEBBIE	46.5994	-113.1569	NAV-GPS	NAD27	10N	13W	36	BABA	GRANITE	WELL	112SNGR	36	9/6/1972	USGS	10/30/1985 14:00	9.5	MBMG	6.92	811.4	102	29.9	30.7	2.3	0.009	<.001	35.3	355	0	101	25.5	3.02	0.3	<.1	<.2	<30.	0.7	130	<100.	<.2	<.2	<.2	20		6	20	<10.		1.4		740	7		<.1	50	<.4	DISSOLVED					
	63344	HEADY RAYMOND & INA * WELL #2	46.5854	-113.1777	NAV-GPS	NAD27	10N	13W	36	BABA	GRANITE	WELL	111SNGR	20	1/1/1925	MBMG	8/15/2001 13:50	9.7	MBMG	7.22	493	69.4	15.1	7.35	3.08	0.012	<.001	28.5	308.9	0	9.54	2.41	<.5 P	0.15	<.05	<.1	<.30	3.95	<30	193	<.2	<.50	<.2	<.2	5.05		6.59	<10	2.26	<.2	<.2		291	<.1	<.5	1.96	<.5	10.6	<.2	DISSOLVED			
	155554	GRAYBEAL KEN	46.5811	-113.1475	NAV-GPS	NAD27	10N	12W	31	ADBB	GRANITE	WELL	120SNGR	95	4/8/1996	MBMG	8/15/2001 12:40	7.8	MBMG	7.53	659	62	26.8	26.2	2.37	0.325	0.195	26.1	273.3	0	94.8	13.5	.734 P	0.584	<.5	<.1	<.30	3.4	40.7	42.7	<.2	<.500	<.2	<.2	<.2	<.2		36.5	<10	2.09	<.2	<.2	4.54		1080	6.67	<.5	4.63	<.5	10	<.2	DISSOLVED	
	5805	GRAYBEAL KEN	46.5799	-113.1483	NAV-GPS	NAD27	10N	12W	31	ACDA	GRANITE	WELL	120SNGR	120		USGS	10/30/1985 12:00	7	MBMG	7.09	646.9	63.6	26.4	33.6	1.6	<.002	<.001	26.7	298.6	0	78.7	6.8	0.72	0.6	<.1	<.2	<.30	2.8	80		<.2	<.2	4		22	<20.	<10.	<.2	<.2	3.4		860	7	<.5	4.63	<.5	10	<.2	DISSOLVED				
	145780	CONN MIKE	46.5089	-113.2842	NAV-GPS	NAD27	09N	13W	30	BDBB	GRANITE	WELL	400BELT	138	10/4/1994	MBMG	6/28/2001 12:05	9.9	MBMG	6.86	398	46.6	13.4	18.7	6.52	0.013	<.001	52.1	225	0	32	7.76	2.61 P	0.137	0.123	<.1	<.2	<.30	9.94	<30	80.2	<.2	62	5.81		10.4	<10	<.2	<.2	1.18		472	<.1	<.5	5.37	7.73	17.1	<.2	DISSOLVED				
	5515	CONN JOHN AND DARLENE	46.5622	-113.2054	NAV-GPS	NAD27	09N	13W	2	CBBC	GRANITE	WELL	112SNGR	35	9/30/1971	USGS	10/31/1985 9:30	10.5	MBMG	6.96	401.4	60.6	13.5	7	2.5	<.002	<.001	28.1	249.3	0	12.1	2.4	0.83	0.1	<.1	<.2	<.30	2.6	40		<.2	<.2	11		<.2	<.2	0.3		150	1	<.1	<.5	5.37	7.73	17.1	<.2	DISSOLVED						
	175576	CONN JAMIE & MARIA	46.5053	-113.2704	NAV-GPS	NAD27	09N	13W	30	DAAA	GRANITE	WELL	120SNGR	226	9/22/1998	MBMG	6/27/2001 16:50	10.5	MBMG	6.98	302	24.2	6.52	22.7	4.49	0.01	0.003	36.7	118.3	0	29.6	18.3	.503 P	0.474	<.05	<.1	<.30	21.6	<30	45.7	<.2	146	<.2	<.2	<.2	<.2	<.2	5.39		16.1	<10	<.2	<.2	2.18		224	<.1	<.5	<.05	<.5	24.2	<.2	DISSOLVED
	191559	CAMPBELL THOMAS	46.4396	-113.2053	NAV-GPS	NAD27	08N	13W	15	DDCC	GRANITE	WELL	112SNGR			MBMG	5/22/2001 15:15	6.5	MBMG	7.72	230	33.8	9.36	1.65	0.859	<.005	0.019	8.89	144.9	0	5.43	0.497	<.05	<.1	<.30	<.05	<.1	<.30	45	<.2	<.50	<.2	<.2	<.2	<.2	5.39		<.1	<10	<.2	<.2	<.2	<.1	81.1	<.1	<.5	<.05	<.5	24.2	<.2	DISSOLVED		

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	Twon	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure
2002Q0124	121482	SWISS RANCHING CORPORATION	46.5981	-113.2502	NAV-GPS	NAD27	10N	13W	29	AACA	GRANITE	WELL	120SNGR	83	10/9/1990	MBMG	8/14/2001 13:30	10	MBMG	7.22	419	47.6	15.7	11.5	6.3	0.019	<.001	51.9	189.8	0	60.4	7.08	<.5 P	0.153	0.075	<1	<30	8.44	<30	42.1	<2	60	<2	<2	<2	<2	<2	8.76	<10	<2	<2	<2	<1	278	<1	<5	5.14	5.53	6.09	<2	DISSOLVED	
2001Q1622	187852	RANSFORD MARK	46.506	-113.2225	NAV-GPS	NAD27	09N	13W	27	BCDD	GRANITE	WELL	112SNGR		6/2/2001 17:08	MBMG	8.4	MBMG	7.44	361	59.4	12.2	3.86	1.84	<.005	0.007	15.2	233.8	0	8.03	2.9	.88 P	0.103	<.05	<1	<30	4.47	<30	128	<2	<50	<2	<2	<2	30.5	6.56	<10	<2	<2	<2	243	<1	<5	5.14	5.53	6.09	<2	DISSOLVED				
2002Q0206	143708	NELSON LAWRENCE & LORI	46.6000	-113.2798	NAV-GPS	NAD27	10N	13W	30	BAAA	GRANITE	WELL	400BELT	50	7/18/1994	MBMG	8.6	MBMG	7.45	864	89	31	45.9	7.16	0.026	<.001	47	375.9	0	144	24.9	1.17 P	<.5	<.5	<1	<30	4.97	67.3	148	<2	<500	<2	<2	<2	<2	30.5	19.9	<10	3.07	<2	<2	877	<1	<5	9.65	15.8	<2	DISSOLVED				
2003Q1064	154584	MCGOWEN TOM * DNRC FLINT CREEK FC-A2	46.6212	-113.2058	NAV-GPS	NAD27	10N	13W	14	CBBB	GRANITE	WELL	120SNGR	60	12/22/1995	MBMG	7.7	MBMG	7.71	1063	100	32.5	94.5	7.24	0.106	0.004	33.7	446.9	0	191	4.57	5.02 P	0.168	<.10	<5	<150	7.06	<150	14	<2	<100	<1	<2	<10	<5	28.9	<50	<2	<10	<10	<5	903	<1	<25	39.8	<25	63.9	<2	DISSOLVED			
2006Q0328	154583	MCGOWEN TOM * DNRC FLINT CREEK FC-A1	46.6212	-113.2058	NAV-GPS	NAD27	10N	13W	14	CBBB	GRANITE	WELL	120SNGR	160	12/22/1995	MBMG	9	MBMG	7.64	745	71.8	23.6	36.8	8.27	0.226	0.012	37.3	190.3	0	170	27.1	0.84 P	<.05	<.05	<1	47.6	7.91	<30	39.6	<2	<500	<1	<2	<2	<2	<2	<2	20.4	<10	<2	<2	<2	4.6	465	<1	<5	4.37	<5	3.32	<2	DISSOLVED	

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	Twn	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure							
1985Q1184	5807	ZIMMERLY CHARLES * HALL MONTANA	46.5877	-113.1947	MAP	NAD27	10N	13W	26	DCCB	GRANITE	WELL	111SNGR	20		USGS	10/30/1985 15:30	10	MBMG	7.16	630	76.4	25.4	20.2	8.6	<.002	<.001	35.1	362	0	30.7	8.5	0.94	0.1	0.1	<.2	<30.	3.5	90			<100.	<.2	<.2	8		<.2	<20.	<10.		0.2		380	10		<.1	<.3	<.4	DISSOLVED										
1985Q1200	5516	W H RANCH	46.505	-113.2441	MAP	NAD27	09N	13W	28	CBAA	GRANITE	WELL	110ALVM			USGS	10/31/1985 11:00	8.5	MBMG	6.87	421.6	60	14.3	9.4	3.5	<.002	<.001	34.2	244.9	0	18.9	2.9	0.43	0.2	<.1	<.2	<30.	6.6	<20.		100	<.2	<.2	8		<.2	<20.	<10.		0.3		120	<.1		<.1	5	<.4	DISSOLVED											
1996Q0644	63339	THOMAS JIM	46.5859	-113.1947	NAV-GPS	NAD27	10N	13W	26	DCCD	GRANITE	WELL	120SNGR	70	5/7/1977	MBMG	4/4/1996 13:17	8.9	MBMG	7.76	736	89	23.6	41.4	8	<.01	<.007	34.9	386	0	54	18	6.4 P	<.50	<2.5	<.1	<30.	1.7	<80.	105.1	<.2		<.2	<.2	<.2	<.2		6	<10.	12.2	<.2	<.2	<.1		347	<10.		<.5	27	<20.	DISSOLVED								
1985Q1188	5806	THERIAULT VIOLET * DRUMMOND MONTANA	46.6377	-113.175	MAP	NAD27	10N	13W	12	BDDA	GRANITE	WELL	120SDMS	120		USGS	10/30/1985 9:00	8.5	MBMG	6.99	1872	258	44.6	106	23.2	0.15	0.22	26.2	249.9	0	784	41.4	1.42	0.3	<.1	<.2	<30.	12	90			200	<.2		<.2		30			98	<20.	<10.									4120	28				<.1	11	<.4	DISSOLVED

Key:

Sample: Sample identifier. Links to one page reports.

Gwic Id: Key field for GWIC database. Links to one page reports.

Site Name: Current name site is known as in GWIC.

Lat: Latitude of site in decimal degrees.

Lon: Longitude of site in decimal degrees.

County: Montana county of site.

Site Type: Type of site.

Aquifer: Geologic/aquifer code assigned to site.

Depth (ft): Total depth of site (if site is a well) in feet below ground surface.

Comp Date: Date site was completed (if site is a well).

Agency: Agency that collected the sample.

Sample Date: Date the site was sampled.

Water Temp: Temperature of water in degrees C at the time of sampling.

Geomethod: Method used to determine latitude and longitude values.

Datum: Datum of latitude and longitude values.

Twn: Montana township of site.

Rng: Montana range of site.

Sec: Section of site.

Q Sec: Quarter sections of site, listed in USGS notation.

Lab: Name of the lab analyzing the sample.

Lab pH: pH value, in standard units, measured in the laboratory.

Lab SC: Specific conductance, in micromhos, measured in the laboratory.

Ca (mg/l): Concentration of calcium in milligrams per liter (ppm).

Mg (mg/l): Concentration of magnesium in milligrams per liter (ppm).

Na (mg/l): Concentration of sodium in milligrams per liter (ppm).

K (mg/l): Concentration of potassium in milligrams per liter (ppm).

Table B-2. FLINT CREEK TPA Wells with Data

Sample	GWIC ID	Site Name	Latitude	Longitude	Geomethod	Datum	Twn	Rng	Sec	Q Sec	County	Site Type	Aquifer	Depth (ft)	Comp Date	Agency	Sample Date	Temp °C	Lab	Lab pH	Lab SC	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	K (mg/l)	Fe (mg/l)	Mn (mg/l)	SiO2 (mg/l)	HCO3 (mg/l)	CO3 (mg/l)	SO4 (mg/l)	Cl (mg/l)	NO3 (mg/l)	F (mg/l)	OPO4 (mg/l)	Ag (ug/l)	Al (ug/l)	As (ug/l)	B (ug/l)	Ba (ug/l)	Be (ug/l)	Br (ug/l)	Cd (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Hg (ug/l)	Li (ug/l)	Mo (ug/l)	Ni (ug/l)	Pb (ug/l)	Sb (ug/l)	Se (ug/l)	Sn (ug/l)	Sr (ug/l)	Ti (ug/l)	Tl (ug/l)	U (ug/l)	V (ug/l)	Zn (ug/l)	Zr (ug/l)	Procedure
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Fe (mg/l): Concentration of iron in milligrams per liter (ppm).

Mn (mg/l): Concentration of manganese in milligrams per liter (ppm).

SiO2 (mg/l): Concentration of silica in milligrams per liter (ppm).

HCO3 (mg/l): Concentration of bicarbonate in milligrams per liter (ppm).

CO3 (mg/l): Concentration of carbonate in milligrams per liter (ppm).

SO4 (mg/l): Concentration of sulfate in milligrams per liter (ppm).

Cl (mg/l): Concentration of chloride in milligrams per liter (ppm).

NO3 (mg/l): Concentration of nitrate as nitrogen in milligrams per liter (ppm).

F (mg/l): Concentration of fluoride in milligrams per liter (ppm).

OPO4 (mg/l): Concentration of ortho-phosphate in milligrams per liter (ppm).

Ag (ug/l): Concentration of silver in micrograms per liter (ppb).

Al (ug/l): Concentration of aluminum in micrograms per liter (ppb).

As (ug/l): Concentration of arsenic in micrograms per liter (ppb).

B (ug/l): Concentration of boron in micrograms per liter (ppb).

Ba (ug/l): Concentration of barium in micrograms per liter (ppb).

Be (ug/l): Concentration of beryllium in micrograms per liter (ppb).

Br (ug/l): Concentration of bromide in micrograms per liter (ppb).

Cd (ug/l): Concentration of cadmium in micrograms per liter (ppb).

Co (ug/l): Concentration of cobalt in micrograms per liter (ppb).

Mo (ug/l): Concentration of molybdenum in micrograms per liter (ppb).

Ni (ug/l): Concentration of nickel in micrograms per liter (ppb).

Pb (ug/l): Concentration of lead in micrograms per liter (ppb).

Sb (ug/l): Concentration of antimony in micrograms per liter (ppb).

Se (ug/l): Concentration of selenium in micrograms per liter (ppb).

Sn (ug/l): Concentration of tin in micrograms per liter (ppb).

Sr (ug/l): Concentration of strontium in micrograms per liter (ppb).

Ti (ug/l): Concentration of titanium in micrograms per liter (ppb).

Tl (ug/l): Concentration of thallium in micrograms per liter (ppb).

U (ug/l): Concentration of uranium in micrograms per liter (ppb).

V (ug/l): Concentration of vanadium in micrograms per liter (ppb).

Zn (ug/l): Concentration of zinc in micrograms per liter (ppb).

Zr (ug/l): Concentration of zirconium in micrograms per liter (ppb).

Procedure: Procedure used to perform analysis

Cr (ug/l): Concentration of chromium in micrograms per liter (ppb).

Cu (ug/l): Concentration of copper in micrograms per liter (ppb).

Hg (ug/l): Concentration of mercury in micrograms per liter (ppb).

Li (ug/l): Concentration of lithium in micrograms per liter (ppb).

Ground-Water Information Center Online 1998 - 2006

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
165355	Yes	Yes	ACHOR BEN			60	11/18/1997
63242	Yes	Yes	ANDERSON ROXANNE			137	5/23/1980
890345	Yes	No	BLASKOVICH LOU			79	
164488	Yes	Yes	BUXBAUM DOUG			70	9/9/1997
5379	Yes	No	CABLE MOUNTAIN CAMPGROUND			15.7	
191559	Yes	Yes	CAMPBELL THOMAS			0	
5384	Yes	No	CAMPFIRE CAMP			45	
52272	Yes	Yes	CARLETON AL			46	6/23/1989
53613	Yes	Yes	CHOR MARLENE			82	5/22/1971
53612	Yes	Yes	CHOR MARLENE			65	1/1/1958
175576	Yes	Yes	CONN JAMIE & MARIA			226	9/22/1998
5515	Yes	Yes	CONN JOHN AND DARLENE			35	9/30/1971
145780	Yes	Yes	CONN MIKE			138	10/4/1994
154593	Yes	Yes	DENNIS BILL * DNRC FLINT CREEK FC-C1			138	2/7/1996
53601	Yes	No	DISCOVERY SKI AREA	C062509-00	2110002	110	10/14/1985
59388	Yes	Yes	DOUG BUXBAUM			25	
52319	Yes	Yes	ECCLESTON SYLVAN W.			220	8/26/1983
155554	Yes	No	GRAYBEAL KEN			95	4/8/1996
5805	Yes	No	GRAYBEAL KEN			120	
63344	Yes	Yes	HEADY RAYMOND & INA * WELL #2			20	1/1/1925
137458	Yes	Yes	KAMPF JOEL			260	9/10/1993
5804	Yes	Yes	LETFORD DEBBIE			36	9/6/1972
153180	Yes	Yes	LILLBERG JOHN			60	7/10/1995
141910	Yes	Yes	LORD RANCH CO			160	4/25/1994
55950	Yes	Yes	MARSHALL CREEK RANCH	52170		125	6/16/1983
53637	Yes	Yes	MCCLAIN GEORGE			95	7/27/1986
55974	Yes	Yes	MCDONALD J W			53	5/8/1969
154583	Yes	Yes	MCGOWEN TOM * DNRC FLINT CREEK FC-A1			160	12/22/1995
154584	Yes	Yes	MCGOWEN TOM * DNRC FLINT CREEK FC-A2			60	12/22/1995
127269	Yes	Yes	METESH WILLIAM			390	3/21/1992
52347	Yes	Yes	MILLIKEN RAY	C003033-00		240	6/21/1974

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
120714	Yes	Yes	MONDLOCH ED			100	8/20/1990
55965	Yes	Yes	MT DEPT OF HWYS * 1120-1483-1820			81.5	10/31/1979
143708	Yes	Yes	NELSON LAWRENCE & LORI			50	7/18/1994
53632	Yes	Yes	PAULSEN PAUL			146	1/19/1961
53625	Yes	Yes	PEARSON DOYLE			31	4/27/1989
5383	Yes	No	PHILIPSBURG CAMPGROUND * BAY 3B			0	
5385	Yes	No	PINEY WELL # 1			0	
187852	Yes	Yes	RANSFORD MARK			0	
5380	Yes	No	SHORELINE SPRING			0	
5381	Yes	No	SPRING ON SHORLINE			0	
121482	Yes	Yes	SWISS RANCHING CORPORATION			83	10/9/1990
5806	Yes	No	THERRIAULT VIOLET * DRUMMOND MONTANA			120	
63339	Yes	Yes	THOMAS JIM	13147		70	5/7/1977
5516	Yes	Yes	W H RANCH			0	
154595	Yes	Yes	WALDBILLIG JIM * DNRC FLINT CREEK FC-D1			135	2/7/1996
145716	Yes	Yes	WILSON DAVID D.	95929		260	9/14/1994
145737	Yes	Yes	YARDLEY DANIEL			180	6/23/1994
5807	Yes	No	ZIMMERLY CHARLES * HALL MONTANA			20	
165353	No	Yes	ACHOR BEN			60	11/15/1997
217890	No	No	ACHOR, BEN & TESS			40	3/23/2005
219905	No	No	ACHOR, BEN AND TESS			500	6/17/2005
164564	No	No	ALBEE WILLIAM			38	9/9/1997
217887	No	No	ALL FAZE CONSTRUCTION			220	3/22/2005
213086	No	No	ALL-FAZE CONSTRUCTION			47	7/15/2004
214209	No	No	ALL-FAZE CONSTRUCTION			56	9/19/2004
63243	No	No	ALLEN ED			105.2	10/30/1963
63196	No	No	ALLEN GENE			35	1/1/1910
63190	No	No	ALLEN GENE M			275	1/1/1915
52384	No	No	ALLEN JF & MCDONALD CA			73	6/18/1967
184563	No	No	ALT LEE AND RUTH			61	7/7/2000
184564	No	No	ALT LEE JR			81	6/28/2000
121009	No	No	ALT PAUL			40	6/21/1990

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
53640	No	No	ALVERNAZ MICHAEL & KATHI			328	7/11/1985
52303	No	No	ANACONDA CO.	3751		45	8/7/1974
178963	No	No	ANACONDA SNOWMOBILE CLUB			160	9/1/1999
211001	No	No	ANDERSON DONALD	C011239-00		85	8/4/1976
200066	No	No	ANDERSON JAMES			70	11/12/2002
152063	No	No	ANDERSON JEFF			300	7/21/1995
182764	No	No	ANDERSON SAM			240	5/1/2000
53614	No	No	ANDRE ADOLPH & ALICE			140.5	2/6/1970
138493	No	No	ANTONICH WILLIAM F	C086939-00		160	5/17/1993
63192	No	No	APPLEGATE HERMAN			109	11/6/1963
57481	No	No	ARMSTRONG TONY			182	7/17/1987
52237	No	No	ARVILA R/GUSTAFSON D			90	10/4/1971
181602	No	No	AUSTIN DEAN			525	5/4/2000
151021	No	No	BAHSTETER PATSY			320	10/3/1994
127478	No	Yes	BAKER ALVIN	81479		105	4/2/1992
63188	No	No	BAKER CLIONE & SONDR			120	11/20/1981
189266	No	No	BAREIZ JAKE			160	5/30/2001
124096	No	No	BARRETT EVAN			615	7/16/1991
52223	No	No	BARSANTI JOHN			103	10/26/1980
130471	No	No	BARSANTI JOHN & MARIE			160	10/10/1992
52270	No	No	BARTOLETTI ED			55	8/20/1989
128661	No	No	BATES KENNETH & MARLOS			360	5/8/1992
143042	No	No	BAYER BILL			520	6/21/1994
52260	No	No	BEATTY MARTIN			55	7/28/1963
204802	No	No	BEATTY PAUL			60	7/2/2003
52331	No	No	BEAUSELIEL MRS.			49	7/13/1961
207656	No	No	BEAVERHEAD COUNTY			180	8/27/2003
207869	No	No	BECK DAVID AND DIANE			800	10/31/2003
52290	No	No	BECKWELL JERRY			75	6/28/1989
204623	No	No	BERDINE RALPH			680	5/26/2003
189337	No	No	BERGERSON JOHN			180	6/19/2001
148992	No	No	BERGMAN JOANNE & DEAN			140	3/21/1995

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
165766	No	No	BERRY JERIMIAH			180	1/19/1998
120715	No	No	BERRY LEO			340	6/5/1989
52305	No	No	BERTOGLIO HENRY			38	6/23/1971
59373	No	No	BISSONETTE HOWARD P.			24	10/1/1936
186751	No	No	BISSONETTE PAUL			57	9/1/2000
220433	No	No	BITTINGER, BOB			440	6/7/2005
52261	No	No	BJORKLAND FRED			420	8/13/1986
184552	No	No	BLACK PINE MEADOWS LLC			200	7/11/2000
186624	No	No	BLACK PINE MEDOWS			160	9/15/2000
57488	No	No	BLACK PINE MINE	21014		60	8/23/1978
52328	No	No	BLAIR GEORGE	14229		39.5	7/7/1977
52337	No	No	BLASKOVICH AL	9631		70	8/11/1976
166681	No	Yes	BLASKOVICH LEW			156.5	
52213	No	No	BLASKOVICH LOU			79	10/15/1964
143447	No	No	BLAZ TOM	C091597-00		240	7/22/1994
206944	No	No	BLUME MICHAEL D. AND KAREN A.			268	8/12/2003
149240	No	No	BOBAK MARK & PAULA & LANBRIGNT STEPHEN & GAI	áC113207-0		110	6/25/1993
221351	No	No	BOHNSAK DEAN			160	7/26/2005
154054	No	No	BOOMER ALAN			80	9/10/1994
191292	No	No	BOOMER ALAN			250	
53656	No	No	BOOMER ALBERT			80	5/24/1971
218711	No	No	BORNER GEORGE			58	4/13/2005
216704	No	No	BOSSAND FLOYD			122	8/27/2004
216705	No	No	BOSSAND FLOYD			200	9/2/2004
207697	No	No	BOSSARD FLOYD			120	10/20/2003
207698	No	No	BOSSARD FLOYD			83	10/21/2003
213463	No	No	BOSSARD FLOYD			116	8/18/2004
191621	No	No	BOSSARD FLOYD			500	7/18/2001
193288	No	No	BOSSARD FLOYD			96	11/12/2001
193289	No	No	BOSSARD FLOYD			96	11/14/2001
193290	No	No	BOSSARD FLOYD			96	11/13/2001
193291	No	No	BOSSARD FLOYD			96	11/15/2001

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
193292	No	No	BOSSARD FLOYD			76	11/16/2001
161842	No	Yes	BOSSARD FLOYD	26086		50	
53639	No	Yes	BOSSARD FLOYD	4557		40	11/20/1974
194121	No	No	BOSSARD FLOYD			640	1/10/2002
187080	No	Yes	BOSSARD FLOYD			300	8/7/2000
52195	No	No	BOSSARD FLOYD	73210		85	10/9/1989
171479	No	No	BOSSARD FLOYD			230	10/1/1998
163977	No	No	BOSSARD FLOYD			260	8/21/1997
159915	No	No	BOSSARD FLOYD			75	11/21/1996
163521	No	No	BOSSARD FLOYD			280	7/9/1997
159912	No	No	BOSSARD LLC			220	11/25/1996
159906	No	No	BOSSARD LLC			240	11/22/1996
196759	No	No	BOSSARD RICHARD			120	6/5/2002
52391	No	No	BOWLER CHET			140	8/17/1974
52194	No	No	BOYD ROBERT			52	9/9/1970
52231	No	No	BOYER JEANNE	C107788-00		100	10/15/1985
179051	No	No	BRAACH ROB WELL #1	C108810-00		32	8/25/1998
178960	No	No	BRADLEY RANDY			220	10/20/1997
63230	No	No	BRADSHAW BLAIN			70	8/25/1978
195787	No	No	BRADSHAW CORY AND KIMBERLY			160	4/23/2002
154597	No	Yes	BRADSHAW DARRELL * DNRC FLINT CREEK-FCE2			160	1/23/1996
63241	No	No	BRADSHAW MIKE			140	9/15/1984
219356	No	No	BRADSHAW, ALLAN			180	5/26/2005
167170	No	No	BRASHEAR SHANE			100	4/17/1998
179074	No	No	BRAUN CARL			346	6/21/1999
63323	No	No	BRAY HAWKINS			12	1/1/1923
63324	No	No	BRAY HAWKINS			12	1/1/1923
63321	No	No	BRAY LEONARD			10	1/1/1935
63322	No	No	BRAY LEONARD			86	9/1/1953
63248	No	No	BRAY LEONARD			82	5/19/1980
183662	No	No	BRITZIUS MIKE			142	7/8/2000
158382	No	No	BROCK JEFF & CAROLYN			140	8/12/1996

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52191	No	No	BROLIN M. E.			50	1/1/1957
218018	No	No	BROWN DAN			200	10/15/2004
141929	No	No	BROWN DONALD W.			320	8/27/1993
167557	No	No	BROWN LEW			60	10/21/1996
160178	No	No	BROWN LOU	C104271-00		58	10/21/1996
216699	No	No	BROWN ROD & MARY PAT			300	12/7/2004
63252	No	Yes	BROWNING ALLEN	59932		90	6/20/1981
63251	No	No	BRUNETTE ELBE			230	10/17/1972
179077	No	No	BRUNSVOLD ED			220	8/6/1999
55963	No	No	BUCHANAN RALPH	9318		50	7/2/1976
190191	No	No	BUHR KARL			90	7/24/2001
52284	No	No	BURGAN AL	20419		39	9/8/1978
192445	No	No	BURNS DAN			240	9/12/2001
52238	No	No	BUTTE GEORGETOWN			50	1/1/1910
52232	No	No	BUTTE GEORGETOWN MNG			120	1/1/1967
186750	No	Yes	BUXBAUM DOUG			310	11/14/2000
57484	No	No	BYRD GEORGE			30	3/29/1972
53603	No	Yes	CANTY CHARLES			140	10/11/1974
179075	No	No	CANTY CHARLES			420	8/24/1999
178258	No	No	CANTY CHARLES			80	6/17/1999
52293	No	No	CANUP MORRIS	81014		625	6/23/1989
52359	No	No	CARLIN JOHN	6003		260	6/24/1974
153989	No	No	CARLSON HELEN			180	8/26/1992
207655	No	No	CARLSON JERRY			140	11/17/2003
195140	No	No	CARLSON JOHN AND DEBBI			280	3/26/2002
52334	No	No	CARLSON WILLIAM & HELEN			140	6/30/1971
196980	No	No	CARPENTER DAVE			216	5/28/2002
63232	No	No	CARPENTER L.C.			44	1/1/1974
52262	No	No	CARPENTER MAROUF			68	7/4/1981
52393	No	No	CASH LOUIS	9726		140	8/10/1976
123822	No	No	CASSIDY CARL L OR HELEN V			58	8/29/1991
57472	No	No	CASSIDY CARLOS & HELEN			28	10/30/1960

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
120354	No	No	CAVANAUGH RON			150	6/16/1990
163974	No	No	CAYKO NICKIE			220	8/12/1997
207666	No	No	CEDAR LOG OF MT			260	11/20/2003
63280	No	No	CEDER LANE RANCH			100	8/18/1977
185921	No	No	CERISE MIKE	C113740-00	á	80	9/28/2000
52333	No	No	CHATRIAND JOE	3506		160	6/25/1974
52386	No	No	CHATRIAND LOIS A & LOUIS J			85	10/31/1966
161837	No	Yes	CHOR JOHN & MARLENE * FC-62			60	
122999	No	No	CHOR MARLENE			92	5/10/1991
52190	No	No	CHORE CHARLES			42	1/1/1960
52294	No	Yes	CHRISTENSEN MARY & WILLIAM			60	12/30/1963
52264	No	No	CHRISTIE TOM	C075331-00		125	6/7/1988
214736	No	No	CHURCHILL, ED & MICHELLE			165	10/6/2004
155561	No	No	CITY OF DRUMMOND			38	7/1/1995
55980	No	No	CITY OF PHILLIPSBURG			90	7/11/1973
197468	No	No	CLAGGETT DAN			118	5/1/2002
52233	No	No	CLARK JAMES			42	12/31/1963
52342	No	No	CLEMENS ELEANOR			87	10/1/1932
52381	No	No	CLINE JOHN & ELTHEL			85	6/1/1967
52387	No	No	CLONEY DONALD			80	7/1/1967
123818	No	No	COBLENTZ ELMER OR BECKY			40	9/3/1991
120394	No	No	COBLENTZ ELMER OR BECKY			50	6/2/1990
178009	No	No	COCHRELL DALE AND ROBIN	C30001563		240	4/15/1999
52271	No	No	COLDWATER DR ELLIOTT			37	6/12/1986
57470	No	No	COLLINS FANNIE & EH			36	6/1/1946
170947	No	Yes	COLLINS TOM			120	7/13/1998
169053	No	No	COLLINS TOM	C105667-00		120	7/13/1998
52399	No	No	COMBA GERALD	44009		43	7/11/1969
130801	No	No	COMBS DALE			141	7/17/1992
59385	No	No	COMICO AMERICAN INC. * DOUGLAS MINE			68	11/8/1968
59378	No	No	COMINCO AMERICAN INC			50	2/23/1967
181195	No	No	CONN JEFF			36	1/31/2000

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
126208	No	Yes	CONN JEFF & MICHELLE	84716		55	12/3/1991
126207	No	Yes	CONN JEFF AND MICHELLE	82889		55	11/26/1991
59368	No	No	CONN JOHN A.			30	12/19/1975
126862	No	Yes	CONN MIKE			120	10/4/1994
191305	No	No	CONN MIKE			0	
52320	No	No	CONNERS MARY E.			240	8/24/1978
52325	No	No	CONNOLLY PAT			28	7/19/1965
52396	No	No	CONROY BILL	3636		140	8/13/1974
52401	No	No	CONROY WF & BS			100	8/6/1965
153823	No	No	CORCORAN PATRICK R. & MARGARET A.	C096144-00		220	8/8/1995
52245	No	No	CORDINAL E.			42	7/20/1957
192437	No	No	CORETTE RD			90	9/11/2001
184533	No	No	CORETTE RD			110	8/1/2000
63262	No	Yes	CORLETT CY			85	6/11/1975
63263	No	No	CORLETT CY			76	5/1/1945
124363	No	No	COTY PHYLLIS/MANLEY J/HATFIELD M/ET AL			360	7/24/1991
175976	No	Yes	COUNTS RANDY	109755		162	8/13/1999
181604	No	No	COURON NORTON AND SHARON			320	5/12/2000
194169	No	No	COX RAY AND PATTY			220	12/21/2001
53599	No	No	CRAIG J W	9107		30	7/1/1976
217339	No	No	CREEKSIDE CONSTRUCTION			78	2/8/2005
217340	No	No	CREEKSIDE CONSTRUCTION			80	2/7/2005
59391	No	No	CRONIN DAN			52	6/10/1980
52365	No	No	CROSTON WARREN			123	7/9/1971
128614	No	No	CRUM KEITH & GLENDA			200	6/18/1992
163979	No	No	CRUM MIKE AND EVONNE			200	9/26/1997
157707	No	No	CUMMINS WARREN			40	5/30/1996
148034	No	No	CUMMINS WARREN			280	12/2/1994
148035	No	No	CUMMINS WARREN			100	12/4/1994
156299	No	No	CUMMINS WARREN #1			160	5/30/1996
151003	No	No	CUN DEBBIE			240	4/7/1995
63299	No	No	CUNNINGHAM ROSE			40	10/2/1980

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
63240	No	Yes	DAHL CHRIS AND KIM	28666		40	6/28/1980
191304	No	Yes	DAHL CHRIS AND KIM			0	
204804	No	No	DALE LONNIE			220	7/3/2003
185852	No	No	DALLASERRA ED			45	10/31/2000
220895	No	No	DALLASERRA, ED			270	8/3/2005
161841	No	Yes	DALLASERRE ED			0	
220894	No	No	DALLASGERRA, ED			500	8/2/2005
52398	No	No	DAUENHAUER BRYON			38	3/30/1983
214166	No	No	DAUENHAUER PAT			540	8/20/2004
218706	No	No	DAUGHERTY SPIKE			142	4/29/2005
149241	No	No	DAVIS BILL			45	6/23/1993
142472	No	No	DAVIS BILL	C089936-00		45	6/23/1993
201980	No	No	DAVIS BOYD			171	2/19/2003
52345	No	No	DAVIS ELMER	3941		80	10/10/1974
168848	No	No	DAVIS VAUGHEN & LINDA	C106466-00		70	6/24/1998
63276	No	No	DELAWARE LEONARD & DORIS * WELL #1			16	1/1/1928
63277	No	No	DELAWARE LEONARD & DORIS * WELL #2			17	1/1/1928
63274	No	No	DELAWARE LEONARD AND DORIS			22	4/9/1964
215088	No	No	DENNEHY, BRANDT			200	10/18/2004
182772	No	No	DENNIS BILL			56	4/27/2000
53635	No	No	DENNIS BILL	C056722-00		140	6/27/1984
52341	No	No	DENTON RAY			125	7/16/1969
52388	No	No	DEVINE FRANK	9418		80	1/1/1973
52395	No	No	DEVINE FRANK	9418		220	8/8/1976
63313	No	Yes	DIAMOND BAR RANCH			45	4/27/1973
133815	No	No	DILL OTTO			142	12/17/1992
124365	No	No	DILLON PAUL AND JUDY			200	8/2/1991
63244	No	No	DIMAGGIO SAM & SHEILA			78	2/4/1981
59374	No	Yes	DINSMORE JAMES			170	5/2/1989
59375	No	Yes	DINSMORE JEAN G.			143	7/27/1982
63293	No	No	DINSMORE JIM			55	12/26/1963
52360	No	No	DINSMORE JOHN			68	3/10/1988

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52321	No	No	DINSMORE JOHN			225	8/22/1983
195734	No	No	DISCOVERY SKI CORP			145	10/11/2001
200067	No	No	DOLEZAL HANK			61	11/13/2002
52368	No	No	DOMME MAYME			103	8/8/1989
130148	No	Yes	DONAHUE TERRY AND DEDE			480	7/12/1992
52312	No	No	DONNEGON JOHN			125	10/5/1985
213236	No	No	DOOLEY RUSS			200	7/9/2004
52252	No	No	DORHOFER & MYERS			260	7/20/1979
123819	No	No	DRINGLE CHARLES H			110	8/29/1991
52267	No	No	DUNN CATHERINE			100	6/27/1984
63289	No	No	DURAND ANNA GRACE			20	1/1/1915
63220	No	No	DYER LESTER & FORREST			22	10/15/1948
120441	No	No	EAGLE STUD MILL			140	6/21/1990
147308	No	No	EAGLE STUD MILL			77	1/10/1995
52236	No	No	EARHART AND BLASKOVICH			175	8/23/1978
130149	No	No	EARHART DON/BLASKOVICH MATT			175	8/23/1978
125240	No	No	ECCLESTON CLYDE & COTY PHYLIS			360	7/24/1991
52324	No	No	ECCLESTON RONALD			225	4/25/1988
63347	No	No	EDGAR ALMA	11884		33.5	3/2/1977
210999	No	No	EDWARD JAMES			180	8/31/1973
52373	No	No	EDWARDS LEVANT			15	1/1/1900
52374	No	No	EDWARDS LEVANT			18	1/1/1942
52375	No	No	EDWARDS LEVANT			27	1/1/1952
52218	No	No	ELICH JOSEPH	9454		100	6/24/1976
55982	No	No	ELK LEONARD W & SUSAN B			44	9/3/1993
52246	No	No	ELLIOT VIRGIL			77	8/15/1967
52205	No	No	EMANUEL WALTER			16	7/1/1960
63216	No	No	ENMAN & NAKKEN			58	1/1/1880
63292	No	No	ENMAN JULIA			55	
63295	No	No	ENMAN WELLINGTON & JULIA			16	12/26/1963
63301	No	No	ENMAN WELLINGTON & JULIA			14	3/1/1957
52224	No	No	ERICSON GARY			54	10/29/1980

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
213810	No	No	ERMATINGER DANIEL AND DARCY			330	8/2/2004
153991	No	No	ESTEP BARRY			90	10/21/1992
52275	No	No	EVA ED			23	5/14/1963
63300	No	No	EVERS MARY IRENE			12	1/1/1930
161881	No	No	EVOY TIM	C101679-00		100	4/24/1997
52343	No	No	FASSO JERRY			65	7/1/1971
52418	No	No	FASSO JERRY			65	1/1/1971
137448	No	No	FAUST DAVID			142	8/22/1993
63350	No	No	FERREL GEORGE			21.8	4/18/1964
148993	No	No	FICKLER TODD AND LESLEY			160	3/20/1995
57459	No	No	FIELDS GERWIN			25	1/1/1940
170776	No	No	FINK BILL	C105709-00		60	8/21/1998
175979	No	Yes	FINK BILL			60	8/21/1998
130847	No	No	FIRESTONE CARL			60	8/26/1992
141255	No	No	FIRMAN DALE & DAVIS LOREN	C087962-00		34	6/17/1993
63286	No	No	FISCHER F M			0	1/1/1916
63337	No	No	FISCHER ROBERT			30	9/12/1951
130802	No	No	FITZPATRICK DEANNA	83918		160	8/30/1992
130183	No	No	FITZPATRICK JOHN			70	6/3/1992
164489	No	No	FIX RODGER			400	10/13/1997
126803	No	No	FORSMAN BILL AND CACIE			265	4/3/1992
146088	No	No	FOSTER GORDON			56	10/25/1994
53633	No	No	FRANKEL PAT			66	8/26/1989
63336	No	No	FRASER DOROTHY			36	1/1/1913
52229	No	No	FULLER FRANCIS			125	6/10/1985
52317	No	No	GALLAGHER WILLIAM A.			340	8/9/1978
52354	No	No	GARDNER JACK			100	8/6/1969
140563	No	No	GAUGHAN DARLENE			140	11/26/1993
52196	No	No	GEORGETOWN BOAT CLUB			145	6/8/1983
52234	No	No	GEORGETOWN FIRE DEPT			130	12/29/1982
189382	No	No	GEORGETOWN LAKE LODGE		673002	60	1/1/1960
184537	No	No	GEORGETOWN SECURITY TRUST			240	7/12/2000

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
178970	No	No	GERDES STEVE			270	6/8/1998
52315	No	No	GESSELE CHARLES	9778		470	8/1/1976
186960	No	No	GIACOLETTO MARK			265	11/29/2000
212029	No	No	GLADDEN NANCY			65	6/22/2004
215086	No	No	GLADDEN, TOM & NANCY			65	9/20/2004
52313	No	No	GODBOUT FRED	9199		220	8/1/1976
153821	No	No	GODDARD CHARLES C.			36.5	8/30/1995
165200	No	No	GOLDBERG TRUST			100	9/15/1997
196916	No	No	GOOSE MILL CONSTRUCTION			117	7/3/2002
201480	No	No	GORDON KEVIN *GORDON CONSTRUCTION			223	2/7/2003
151171	No	Yes	GRANITE COUNTY AIRPORT BOARD			80	1/1/1900
63340	No	No	GRANITE COUNTY SHOPS	5930		50	6/11/1975
147311	No	Yes	GRAYBEAL DON & KERRY			78	1/17/1995
63197	No	No	GREANY PAUL			82.5	11/24/1963
63228	No	No	GREYBEAL DOUGLAS W.			100	6/21/1983
192729	No	No	GRIMES LYLE			420	9/21/2001
52346	No	No	GRIMM CHLOE	3703		205	6/30/1974
214199	No	No	GROGAN, RONALD & DIANE			220	9/19/2004
53619	No	No	GROOMES J L			34	1/10/1961
53621	No	No	GROOMES JAMES			140	5/18/1962
53622	No	No	GROOMES JAMES			73	6/23/1961
197754	No	No	GROOMES JOHN AND MARCIA			183	7/30/2002
52340	No	No	GRUBER ESTATES			41	8/8/1972
55946	No	No	GRUNHAUSER JOHN			190	9/1/1984
52276	No	No	GUSTAFSON DR. FRANK	C036133-00		48	9/4/1981
52277	No	No	GUSTAFSON DR. FRANK	C036134-00		68	9/8/1981
52349	No	No	GUSTAVSEN JUDY & ROY	6400		110	8/4/1975
55977	No	No	GWYNN BEN			35	1/1/1876
55978	No	No	GWYNN BEN			35	1/1/1876
53607	No	No	GWYNN BEN			40	11/15/1963
55979	No	No	GWYNN BEN			35	1/1/1876
53605	No	No	GWYNN BEN * WELL #1			27	1/1/1878

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
53606	No	No	GWYNN BEN * WELL #2			27	1/1/1878
215354	No	No	HAAS JERRY			310	10/1/2004
207868	No	No	HABEGER JOHN			800	11/19/2003
52258	No	No	HAFFEY RAY			210	5/25/1990
163520	No	No	HAFFEY SCOTT			200	7/16/1997
63346	No	No	HAGLE STUD MILL INC.			40	2/23/1989
63275	No	No	HAINES C.E.			18	1/1/1900
191619	No	No	HALEY MATT			800	6/23/2001
183661	No	No	HALL FRANK			120	7/13/2000
63332	No	Yes	HALL MEAT AND GROCERY	26991		85	6/15/1979
63333	No	No	HALL SCHOOL DIST. 8 - WELL 1		684002	110	11/19/1979
181772	No	No	HALLFORD LESTER			52	9/3/1999
192628	No	No	HANDLOS RON			137	5/25/2001
52208	No	No	HANNIFAN M.			158	6/21/1971
186684	No	No	HANSEN KEITH			220	11/8/2000
52280	No	No	HARDTLA CLINTON			30	6/14/1953
52281	No	No	HARDTLA CLINTON			50	1/1/1936
52282	No	No	HARDTLA CLINTON			30	1/1/1957
127260	No	No	HARELAND JAMES			400	3/2/1992
52318	No	No	HARKIN AL	9229		232	8/6/1976
207678	No	No	HAROUTUNIAN CHUCK			320	11/19/2003
181330	No	No	HARPER JOE			130	12/1/1999
213235	No	No	HARRINGTON MIKE			400	7/26/2004
52193	No	No	HARTWICK JIM			60	1/1/1985
206168	No	No	HATCHER DONALD AND HELEN			100	8/16/2003
128609	No	No	HATCHER KERRY			560	7/24/1992
139107	No	No	HATCHER KERRY			220	9/10/1993
139108	No	No	HATCHER KERRY			580	9/10/1993
52216	No	No	HATCHER RON			80	9/28/1977
197470	No	No	HAUCK TIM			180	8/9/2002
188631	No	Yes	HAUPTMAN DAN			0	
59369	No	No	HAUPTMAN STUART			23	3/13/1964

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
193308	No	No	HAUPTMAN TOM			480	11/9/2001
63345	No	No	HEADY RAYMOND & INA * WELL #1			22	2/10/1948
219445	No	No	HEGER, DON			340	6/8/2005
55984	No	No	HEIMARK ED	19310		48	4/28/1978
55983	No	No	HEIMARK EDWARD S & BEATRICE D			68	6/21/1961
211614	No	No	HELLESON DEB			660	9/19/2003
215603	No	No	HENDERSON JIM			80	10/19/2004
63250	No	No	HENDERSON JOSEPH M			55	10/13/1988
63247	No	No	HENDERSON RANCH			49	1/1/1956
63270	No	No	HENDERSON RANCH			58	1/1/1880
63271	No	No	HENDERSON RANCH			115	1/1/1950
63272	No	No	HENDERSON RANCH			60	1/1/1939
63265	No	No	HENDERSON WM JOSEPH			100	11/2/1977
63268	No	No	HENDERSON WM. JOSEPH			115	10/10/1985
63309	No	No	HENDRIX J B			60	5/2/1989
63278	No	No	HENDRIX J.B.			87	10/20/1978
154592	No	No	HENDRIX J.B. * DNRC FLINT CREEK - FCB-6			38	1/15/1996
154591	No	Yes	HENDRIX J.B.* DNRC FLINT CREEK - FCB-5			140	1/12/1996
63326	No	No	HENDRIX J.J.			180	1/1/1936
63306	No	No	HENDRIX JAY			85	8/25/1976
162490	No	Yes	HENDRIX JAY * FC-49			108	
52417	No	No	HESTON FRANK			50	9/16/1970
145700	No	No	HICKLIN RICHARD			145	10/14/1994
63255	No	No	HILL LEWIS B			56	10/29/1952
63256	No	No	HILL LEWIS B			56	1/1/1945
187855	No	Yes	HILL MIKE & DEANNA			0	
213830	No	No	HILLBERRY MAX			260	8/5/2004
213451	No	No	HILMO TIM			610	5/21/2004
158074	No	Yes	HINKLE CHARLES & HEIDI	102727		180	8/20/1996
156256	No	No	HOBBAUGH RODNEY			58.6	2/13/1996
214369	No	No	HOEM HAROLD & JANICE			83	10/1/2004
158073	No	No	HOGAN JAMES & ANN			220	6/10/1996

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52413	No	No	HOGENSON HALVER			65	10/1/1954
52407	No	No	HOGENSON M.O.			58	7/19/1966
170925	No	No	HOLLINGER HOLLY			82	12/10/1998
161836	No	Yes	HOLLINGSWORTH JIM * FC-60			0	
63304	No	No	HOLLISTER FLORENCE			30	5/1/1936
144526	No	No	HOLLOW JOHN E.			41	10/26/1986
52416	No	No	HOLMAN EARL J.	34295		170	6/4/1981
164801	No	No	HOLTUM CARL & VANNICE LINDA			105	8/5/1997
52278	No	No	HONSFALL RUFUS			20	1/1/1960
197495	No	No	HORNING MATT			380	7/30/2002
161838	No	Yes	HOUG MARC * FC-61	78386		200	5/1/1991
123000	No	No	HOUG MARK			200	5/12/1991
63297	No	No	HOUSEHOLDER BILL	20895		50	9/12/1978
130480	No	No	HOUTZ CHUCK			180	4/15/1982
141911	No	No	HOUTZ CHUCK & JOHNSON JOHN			180	9/2/1993
52335	No	No	HOYLE MORRIS & CORNELIA			79	8/19/1961
123820	No	No	HUNT ERNEST			85	9/5/1991
63348	No	No	HUNT ERNEST			21	4/7/1964
63349	No	No	HUNT ERNEST			26	4/7/1964
196764	No	No	HYATT DAVID			360	6/3/2002
52389	No	No	INDERGARD BILL	767		80	6/27/1973
52390	No	No	INDERGARD BILL			80	6/27/1973
175975	No	No	IRICH CHUCK			140	7/7/1998
57460	No	No	IVER JOHNSON RANCH * WELL #1			32	1/1/1898
57461	No	No	IVER JOHNSON RANCH * WELL #2			29	1/1/1898
197496	No	No	JACKSON GREG AND ROBIN			200	8/5/2002
63253	No	No	JACOBSEN CLIFF			73	5/9/1981
52209	No	No	JACOBSON A. C.	7273		100	10/1/1975
52323	No	No	JACOBSON DON			205	8/27/1983
167602	No	No	JAMES ED	C112899-00		118	3/20/1998
153181	No	No	JAMES GERALINE			160	5/25/1995
63236	No	No	JAMES HOMER E			150	5/1/1951

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
63237	No	No	JAMES RANCH			180	8/31/1973
219908	No	No	JEFF BRAUN,, CATHERINE MCDONALD			175	6/28/2005
186678	No	No	JEHRICO BAY SUBDIVISION*MW #1			25	10/1/1998
186679	No	No	JEHRICO BAY SUBDIVISION*WELL #2			20	10/1/1998
186680	No	No	JEHRICO BAY SUBDIVISION*WELL #3			36	10/1/1998
63217	No	No	JEMISON GWENDOLYN			12	1/1/1933
63219	No	No	JEMISON GWENDOLYN			40	10/5/1971
63303	No	No	JENKINS GEORGE			26	9/1/1912
63343	No	No	JENSEN EMERY & MARY			61	6/14/1959
63318	No	No	JENSEN RANCH CO			95	7/22/1981
59372	No	No	JENSEN RANCH CO.			12	1/1/1880
149256	No	Yes	JENSEN RANCH CO. (DAN HAUPTMAN)			32	11/22/1994
63316	No	No	JENSON RANCH CO.			12	1/1/1920
63317	No	No	JENSON RANCH CO.			180	1/1/1940
195130	No	No	JOHNSON BRENDA KAY			60	3/2/2002
216746	No	No	JOHNSON CHUCK			85	12/21/2004
153822	No	No	JOHNSON DON & BLACK WENDY			200	5/30/1995
52240	No	No	JOHNSON ELMER A			160	1/1/1985
55959	No	Yes	JOHNSON ERICK V			14	4/1/1914
63223	No	No	JOHNSON FLOSSIE			106	1/1/1938
63226	No	No	JOHNSON FLOSSIE			28	12/3/1963
63224	No	No	JOHNSON FLOSSIE M			30	1/1/1914
52352	No	No	JOHNSON HAROLD			100	9/8/1973
52367	No	No	JOHNSON HAROLD			20	5/10/1960
201516	No	No	JOHNSON JERRY			200	6/4/2002
136956	No	No	JOHNSON LEE & KIM			280	8/30/1993
186626	No	No	JOHNSON RICHARD			110	10/3/2000
52344	No	No	JOHNSON ROBERT & JOHNSTON JAMES			82	8/8/1970
52330	No	No	JOHNSON RUDOLPH			20	6/5/1964
63327	No	Yes	JOHNSON TUNING FORK RANCH			88	1/1/1880
59367	No	Yes	JOHNSON TUNING FORK RANCH			45	1/1/1948
188625	No	Yes	JOHNSON TUNING FORK RANCH			0	

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52254	No	No	JOHNSON V.			183	7/11/1972
145717	No	No	JOHNSON WAYT			60	10/26/1994
59365	No	No	JOHNSON WILFORD & CHRISTINE			28	1/1/1880
59366	No	No	JOHNSON WILFORD & CHRISTINE			30	1/1/1936
63328	No	No	JOHNSON WILFORD & CHRISTINE			50	1/1/1952
63329	No	No	JOHNSON WILFORD & CHRISTINE			27	1/1/1949
55948	No	No	JOHNSON WILFORD F & CHRISTINE			101	7/1/1946
59380	No	No	JOHNSON WILFORD F. & CHRISTINE			10	1/1/1915
204283	No	No	JOHNSTON DAN			230	6/12/2003
52426	No	No	JOHNSTON FLOYD			165	8/3/1989
139106	No	No	JOLLY PHIL			80	7/13/1993
170581	No	No	JONES EDNA N.			60	8/10/1998
178959	No	No	JONES HUGH	C110414-00		205	8/12/1999
160186	No	No	JONES STEPHAN			540	8/28/1996
221350	No	No	JONES WILLIAM & DONNA			410	8/8/2005
220899	No	No	JONES, MARK			70	8/16/2005
52269	No	No	JURSNICK RAY			30	7/16/1983
209418	No	No	KAHLE KRIS			260	3/1/2004
158072	No	No	KAHLE KRIS & KIM			140	9/20/1996
158115	No	No	KANE BILL			100	6/7/1996
141845	No	No	KANE KENNY			160	3/28/1994
206946	No	No	KAPPAS RANDY			240	9/15/2003
52199	No	No	KEEFE JOSEPH T.	14690-00		40	6/23/1977
63290	No	No	KELLEY HARRY & AGATHA			25	1/1/1915
52357	No	No	KELLNER KARL			140	7/24/1981
141909	No	No	KELLY JACK			300	6/30/1993
128613	No	No	KELLY JIM AND MEG			220	6/17/1992
52210	No	No	KELLY LEO	14456		70	6/23/1977
178961	No	No	KELLY ROBERT	C111679-00		70	8/31/1999
52200	No	No	KELLY SKIP			105	11/19/1980
57479	No	No	KENAST JOE	7099		138	9/30/1975
57468	No	No	KENYON VERNA	21507		31	9/14/1978

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
57469	No	No	KENYON VERNA			35	1/1/1978
187342	No	No	KESLER DAVE & NICK			140	10/5/2000
55953	No	Yes	KESLER DAVE O			30	
55954	No	Yes	KESLER DAVID	44787		120	3/27/1982
55957	No	No	KESLER DAVID			80	8/1/1973
154596	No	Yes	KESLER DAVID * DNRC FLINT CREEK - FCE-1			60	1/15/1996
55952	No	No	KESLER DAVID O.			120	9/25/1985
163973	No	No	KESSEL JOHN			160	9/18/1997
55955	No	No	KESSLER DAVID			166	8/20/1989
124439	No	Yes	KESSLER DAVID SR	82866		97	7/1/1991
133755	No	No	KESSLER DAVID SR.			60	11/13/1992
210712	No	No	KINNEY STEVE			480	5/5/2004
63296	No	No	KINZLE ALVIN & ALICE			20	10/31/1964
181603	No	No	KIRKWOOD C. RICHARD			98	5/13/2000
219557	No	No	KISKO, DAVE			800	6/14/2005
52226	No	No	KITTILA FELIX			50	6/24/1980
52243	No	No	KITTILA JERI			40	1/1/1956
163147	No	No	KITTLESON MIKE			81	8/20/1997
149242	No	No	KLIMA KENNETH	C092661-00		80	9/20/1994
52257	No	No	KNIGHT ARTHUR			35	1/1/1956
52353	No	No	KNUCKEY JOE	20894		105	10/17/1978
63351	No	No	KOLBECK RANCH INC * WELL #1			23	12/17/1963
63330	No	No	KOLBECK RANCHES INC.			85	11/1/1959
52225	No	No	KOLEHMAINEN			180	7/31/1981
194191	No	No	KOON JERRY			30	11/18/2001
59382	No	Yes	KOON JERRY AND JANET			60	8/12/1980
52192	No	No	KOSENSA BRUCE			125	9/26/1983
153226	No	No	KOZY ENTERPRISES			52	8/19/1995
52212	No	No	KRAMLICK EMIL			120	10/1/1970
57475	No	No	KREIG FRANK			16	1/1/1925
189470	No	No	KREIG JAY			180	5/30/2001
52371	No	No	KRIZAN JOHN			200	7/7/1980

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52249	No	No	KRUM OSCAR	24060		110	7/16/1979
52316	No	No	KURILICH CARMEN			18	7/1/1962
173161	No	No	L-P PHILIPSBERG NO. 1			23.6	9/9/1997
173160	No	No	L-P PHILIPSBERG NO. 2			36.4	9/9/1997
173159	No	No	L-P PHILIPSBERG NO. 3			36.1	9/10/1997
57458	No	No	LABERT MR			35	12/12/1958
130196	No	No	LACEY GEORGE	32269		65	5/1/1977
63200	No	No	LACEY GEORGE & KARMA * WELL #1			20	1/1/1961
63199	No	No	LACEY GEORGE & KARMA * WELL #2			20	1/1/1915
63198	No	Yes	LACEY GEORGE & KARMA * WELL #3			20	1/1/1915
63201	No	No	LACEY GEORGE & KARMA * WELL #4			20	1/1/1915
149611	No	No	LACKLEN CHARLYN			43	5/24/1995
52306	No	No	LACY JOHN			64	9/8/1971
124095	No	No	LAIRD PETE			263	7/23/1991
52422	No	No	LAKEVIEW ASSOCIATION			120	10/8/1974
52423	No	No	LAKEVIEW ASSOCIATION			140	10/10/1974
52424	No	No	LAKEVIEW ASSOCIATION			170	10/9/1974
59387	No	No	LANE FRANCES E.			22	
59386	No	No	LANE FRANCES E.			25	
63305	No	No	LANE THOMAS			100	1/1/1923
128615	No	No	LASHESKY GARY J			161	7/7/1992
178962	No	No	LASLOVICH TONY & KATHY			200	8/26/1999
201549	No	No	LATES TEX			58	10/15/2002
63239	No	No	LDS CHURCH - DRUMMOND		3645002	120	4/13/1978
199951	No	No	LDS CHURCH PHILLIPSBURG			80	10/3/2002
57462	No	No	LEDBETTER LAURA			50	1/1/1917
220473	No	No	LEE, MATT			580	7/29/2005
52299	No	No	LEIPHEIMER ED	3189		60	6/2/1974
52217	No	No	LEMELIN GIL	15383		85	7/14/1976
178967	No	No	LENHARDT CURTIS			500	9/30/1999
194342	No	No	LERISE MIKE			80	9/28/2000
179076	No	No	LESIK CAROL			220	9/9/1999

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52263	No	No	LEWN EMILY			0	
152091	No	No	LINFIELD TOM & RUTH			45	7/19/1995
194118	No	No	LINN KEITH			200	12/17/2001
136955	No	No	LITERSKI THOMAS E & CHARLTON BARBARA A	C092664-00		100	7/28/1993
214160	No	No	LIZER CHUCK			123	9/8/2004
187344	No	No	LOCKWOOD JIM			248	9/10/2000
170924	No	No	LODGEPOLE LINCOLN			100	6/6/1998
52409	No	No	LOMBARDI LINDA			21	7/28/1983
221132	No	No	LONE MOUNTAIN, CEDAR HOMES			75	8/7/2005
63341	No	No	LORCH ROBERT			165	10/1/1946
202488	No	No	LORD ED			64	11/28/1979
157698	No	Yes	LORD RANCH CO.			138	6/14/1996
169358	No	No	LOVE RICHARD P.	C105670-00		700	7/1/1998
154654	No	No	LOVELAND CAPELL	C096245-00		156	4/21/1995
52202	No	No	LOWNEY HARLAND			164	10/8/1981
57464	No	No	LUCIER RAY			26	1/1/1950
52378	No	No	LUJAN MIKE			105	9/8/1971
63308	No	Yes	LUND FRANCES	29812		62	9/29/1980
57485	No	No	LUNDGREN GRACE			22	7/1/1948
130486	No	Yes	LUNDGREN GRACE AND HAROLD	26556		40	5/20/1979
138507	No	Yes	LUNDGREN HAROLD	88391		60	8/19/1993
57476	No	No	LUNDGREN HAROLD D			40	7/8/1987
170583	No	Yes	LUNDGREN RANDY			80	8/7/1998
209991	No	No	LUNDGREN RICK			60	11/25/2003
189335	No	No	LUOMA KURT			58	4/24/2001
129291	No	No	LYON THEODORE R			80	7/31/1992
52380	No	No	MADDEN & BROWN			91	10/8/1970
52382	No	No	MADDEN IG & BROWN RILEY			85	7/9/1967
57466	No	No	MAEHL JAMES & GRACE	26366		40	6/20/1979
57467	No	Yes	MAEHL JAMES & GRACE			40	6/20/1979
57477	No	No	MAEHL JAMES & GRACE	1064		37	11/16/1973
55951	No	No	MAGONE STEVE			222	9/9/1981

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
178972	No	No	MAHKUK CHRISTINE			300	8/5/1998
132269	No	No	MANLEY EUGENE			140	11/17/1992
52221	No	No	MANLEY J. & GRACE J.			53	1/1/1980
148030	No	No	MANN LOUIS			61	11/15/1994
151090	No	No	MANN LOUIS			30	5/7/1995
197472	No	No	MANN MICHAEL			300	7/9/2002
124438	No	No	MARCH WARREN C JR			280	10/19/1991
52265	No	No	MARKEL STUART			49	9/9/1969
52266	No	No	MARKLE RUTH			32	1/1/1951
194170	No	No	MARSHALL CREEK RANCH			103	1/3/2002
204624	No	No	MARTIN JUSTIN			230	6/19/2003
166289	No	No	MARYWELL JOHN			55	12/26/1963
63314	No	Yes	MASON TED * WELL #1	1067		32	9/15/1973
63315	No	Yes	MASON TED * WELL #2	1068		50	9/19/1973
52219	No	No	MATOSICH BOB	20405		165	4/4/1978
178958	No	No	MATOSICH MARIANN	C30009717		400	7/8/1999
52406	No	No	MATTHIES KEITH & MILDRED			42	1/1/1938
163519	No	No	MAZZALINE BOB			320	7/15/1997
163289	No	No	MAZZOLINI BOB	102684		320	7/15/1997
55972	No	Yes	MC DONALD JOHN W			60	5/22/1970
183736	No	No	MCCARTHY DAVE			50	7/12/2000
145701	No	No	MCCAULEY JAMES AND CAROLE			140	9/19/1994
154594	No	Yes	MCCLAIN GEORGE * DNRC FLINT CREEK FC-C2			150	2/12/1996
53618	No	Yes	MCCLAIN GEORGE AND DELORIS			22	1/1/1924
52292	No	No	MCCLAIN HOWARD			200	10/1/1981
149238	No	No	MCDERMOTT BOB			620	9/23/1994
52203	No	No	MCDONALD B.			200	6/23/1973
160244	No	No	MCDONALD EUGENE			120	7/16/1996
194120	No	No	MCDONALD EUGENE			340	12/20/2001
167311	No	No	MCDONALD FRED & SANDY	C105671-00		240	5/6/1998
55975	No	No	MCDONALD JOHN			43	4/4/1960
53608	No	No	MCDONALD JOHN			74	5/22/1970

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
154598	No	Yes	MCDONALD JOHN * DNRC FLINT CREEK-FCF-1			18	2/12/1996
162480	No	Yes	MCDONALD JOHN * FC-55			68	
162479	No	Yes	MCDONALD JOHN * FC-58			12	
53609	No	Yes	MCDONALD JOHN AND RUTH	67576		44	9/6/1988
53610	No	Yes	MCDONALD JOHN AND RUTH	63524		44	6/11/1986
153994	No	No	MCDONALD MAGGIE			240	6/14/1994
185854	No	No	MCFARLAND ANDREW			230	9/14/2000
52339	No	No	MCGILLVRAY PAT & VEZINA LEO			140	6/26/1973
63302	No	No	MCGOWAN FORREST & HAZEL			24	6/1/1952
63254	No	Yes	MCGOWAN RANCH			60	11/1/1972
137473	No	No	MCGOWAN RANCH			150	9/17/1993
63260	No	No	MCGOWAN TOM * WELL #1			36.5	3/29/1972
154585	No	Yes	MCGOWEN TOM * DNRC FLINT CREEK - FCA-3			58	1/8/1996
154586	No	Yes	MCGOWEN TOM * DNRC FLINT CREEK - FCA-4			160	1/9/1996
63249	No	Yes	MCGREGOR SCOTT	13157		134	5/5/1977
130482	No	No	MCGUIRE TOM			170	11/26/1979
150252	No	Yes	MCHUGH STEVE	C095693-00		220	4/5/1995
52304	No	No	MCKEON J. LUKE			100	6/15/1973
55964	No	No	MCKINLEY R J			40	1/1/1907
178968	No	No	MCKITTRICK TIM AND CAROLE AND OSTBY MARISSA	C30007204		340	5/28/1999
219707	No	No	MCLAIN BOBBIE			140	4/21/2005
143021	No	No	MCLAIN BOBBIE			140	4/27/1994
52250	No	No	MCLAUGHLIN DAN			180	8/23/1978
52421	No	No	MCLEAN DAVID			180	7/25/1974
121386	No	No	MCLEAN DAVID M			113	10/6/1990
195489	No	No	MCLEAN ED			50	10/27/2000
195490	No	No	MCLEAN ED			38	10/27/2000
181329	No	No	MCLEAN ED			40	1/7/2000
204803	No	No	MCLEAN GENERAL TIM			53	7/8/2003
55971	No	No	MCLEAN WILLIAM & DONNA			115	8/20/1987
52211	No	No	MCLEOD JACK	73211		146	10/10/1989
196920	No	No	MCNAY DAVID AND DARLENE			120	7/8/2002

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
149243	No	No	MCNEILS KEVIN			160	12/14/1994
63279	No	No	MCRAE MABEL F			86	4/1/1949
63287	No	No	MCRAE WILLIAM			22	1/1/1910
154056	No	No	MENTNER GARY			200	7/1/1994
125549	No	Yes	MENTZER GARY			120	12/10/1991
53626	No	No	MERRIFIELD FORREST			20	10/1/1947
53627	No	No	MERRIFIELD FORREST			60	11/1/1950
53628	No	No	MERRIFIELD FORREST			24	1/1/1873
52428	No	No	MERZLAK ALFERD			120	7/8/1980
165165	No	No	MESSMER DARRELL			110	10/1/1997
164312	No	Yes	METESH BRIAN			110	
161839	No	Yes	METESH MARK * FC-63			42	
53634	No	No	METESH WILLIAM			86	11/24/1964
161933	No	No	METHODIST CHURCH			120	5/29/1997
218028	No	No	METZ MARTY			340	1/24/2004
52400	No	No	MEYLE BENNETT			45	8/3/1968
52295	No	No	MICHELETTI JOSEPH F			265	4/26/1988
213491	No	No	MICKELSON TERRY & DEBBIE			373	8/12/2004
165358	No	No	MILLER BRIAN			125	11/21/1997
184536	No	No	MILLER CHRIS	C114403-00		260	8/4/2000
165778	No	No	MILLER COLLEEN			146	1/7/1998
152080	No	No	MILLER DARRELL			80	7/14/1995
52256	No	No	MILLER EILEEN			35	9/11/1955
135451	No	No	MILODROGOVICH MICHAEL J			200	6/23/1993
55960	No	No	MOATES TOMMY			184	8/12/1977
192626	No	No	MOLTENI RICHARD			435	5/24/2001
171478	No	No	MONDLOCH JULIE			300	2/3/1999
59364	No	No	MONTANA PHOSPHATE PRODUCTS COMPANY			20	1/1/1942
59376	No	No	MONTANA PHOSPHATE PRODUCTS COMPANY			30	1/1/1942
59377	No	No	MONTANA PHOSPHATE PRODUCTS COMPANY			20	1/1/1920
196746	No	No	MONTANA SILVER SPRINGS		3509002	0	
63191	No	No	MONTANA STATE HIGHWAY			112	2/8/1969

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
162486	No	Yes	MONTGOMERY RON * FC-23			65	
63325	No	Yes	MOORE DAN			70	4/12/1979
52268	No	No	MOORE PAUL			40	7/21/1976
221353	No	No	MORAN GREG			140	7/20/2005
136332	No	No	MORRILL ARLEN E AND MARGARET			80	8/18/1993
141253	No	No	MORRIS MICK	C090084-00		100	5/14/1993
206943	No	No	MORRIS TOM			200	9/18/2003
147310	No	Yes	MORRISON ALLEN			190	12/20/1994
59390	No	No	MORRISON ALLEN			98	8/23/1982
147309	No	No	MORRISON RUSSELL			190	12/28/1994
63334	No	No	MORSE ANNABELLE			105	12/8/1967
63335	No	No	MORSE FRANK			18	1/1/1912
170948	No	No	MOTTA DICK			180	4/23/1998
211278	No	No	MOUNTAIN LION LLC AND PROFESSIONAL CONSULTANTS INC			130	6/9/2004
208757	No	No	MOUNTAIN LION LLC, C/O PROFESSIONAL CONSULTANTS INC.			240	11/19/2003
208756	No	No	MOUNTAIN LION LLC, C/O PROFESSIONAL CONSULTANTS, INC.			230	11/25/2003
208759	No	No	MOUNTAIN LION LLC, C/O PROFESSIONAL CONSULTANTS, INC.			160	12/2/2003
208761	No	No	MOUNTAIN LION LLC, C/O PROFESSIONAL CONSULTANTS, INC.			180	11/21/2003
161931	No	No	MT DEPT OF HWYS * FLINT CREEK CL 3-22-97			51.5	5/7/1997
161927	No	No	MT DEPT OF HWYS * FLINT CREEK CL 3-23-97			51.5	5/12/1997
161930	No	No	MT DEPT OF HWYS * FLINT CREEK CL 3-24-97			50.9	5/13/1997
161932	No	No	MT DEPT OF HWYS * FLINT CREEK CL 3-25-97			49.5	5/14/1997
142476	No	No	MT DEPT OF HWYS * WILLOW CREEK 4-50-94			81.5	6/8/1994
142477	No	No	MT DEPT OF HWYS * WILLOW CREEK 4-51-94			81.5	6/13/1994
146018	No	No	MT TUNNELS*GW-23			85	5/2/2002
55981	No	Yes	MUCHMORE CHARLIE			125	10/3/1978
63227	No	No	MUCHMORE MICKEY			20	9/15/1972

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
213924	No	No	MUFFETT ROBERT			240	7/31/2004
162331	No	No	MULLANEY THOMAS AND LIL	95932		500	7/26/1995
52244	No	No	MULLINS MARGARET			45	12/30/1963
154001	No	No	MUNGUS GEORGE			90	7/20/1995
185858	No	No	MUNGUS GEORGE			210	11/10/2000
153995	No	No	MUNIS BRIAN			340	6/17/1995
53638	No	No	MUNIS JOHN			65	1/1/1912
53620	No	Yes	MUNIS MITCHEL			96	12/12/1983
52227	No	No	MUNSON PAULINE E.	C105532-00		140	7/31/1981
221447	No	No	MURPHY, BEVERLY			120	9/23/2005
175978	No	No	NEARY WILLIAM	C108108-00		100	9/14/1998
52207	No	No	NEEDHAM WALTER			31	9/30/1965
212830	No	No	NEILSON-CERQUONE CHRIS AND ROBIN			200	7/6/2004
52414	No	No	NELSON ARIEL			115	6/25/1971
63246	No	No	NELSON CLIFF	21614		135	9/13/1978
57487	No	No	NELSON CLIFF & LYNN WL			120	12/21/1988
167279	No	Yes	NELSON DENNIS			101	4/10/1998
198198	No	No	NELSON HAL AND CAROLYN			130	9/2/2003
170777	No	No	NELSON HAROLD	C105532-00		80	7/10/1998
170898	No	No	NELSON HOROLD	C105532-00		80	7/10/1998
63298	No	No	NELSON OSCAR	13808		95	4/19/1977
53611	No	No	NESBIT HELEN			75	1/1/1958
160245	No	No	NIEHUIS CHAREIS			250	7/16/1996
132794	No	No	NILAND ED	C092783-00		58	12/15/1992
52404	No	No	NOGLE LORENZO			42	2/1/1948
170949	No	No	NORBERG FRANK			560	10/13/1998
170950	No	No	NORBERG FRANK			18	7/22/1998
52329	No	No	NORDENSON JOHN			41	7/14/1962
203013	No	No	NORTHWOODS GROUP LLC			420	4/21/2003
214159	No	No	NOYD GEORGE & DENISE			225	9/16/2004
52377	No	No	NUGENT HARRY			155	9/11/1973
52255	No	No	NW NATURAL RESOURCES			60	6/9/1988

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
218035	No	No	NYQUEST CHARLES T.			160	2/15/2005
52361	No	No	OBENHOFF HOWARD			120	3/10/1988
52370	No	No	OBENHOFF HOWARD			154	5/30/1990
164817	No	No	OBIE LARRY	C101769-00		140	7/14/1997
200319	No	No	OHARREN RICHARD			585	10/11/2002
155553	No	Yes	OHRMANN JOHN * FC-71			80	1/16/1996
63238	No	Yes	OHRMANN WILLIAM R			60	1/1/1924
63354	No	No	OLSEN DOUGLAS			260	8/29/1973
63312	No	No	OLSEN HAROLD			48	11/6/1959
128715	No	No	OLSON JERRY & DARLENE			62	4/19/1992
63311	No	No	OLSSON HAROLD			40	11/1/1958
52273	No	No	ONEIL CHARLES			45	12/30/1963
52274	No	No	ONEIL MARTIN			60	12/30/1963
59371	No	Yes	OPEN CROSS RANCH			30	9/28/1971
59379	No	Yes	OPEN CROSS RANCH (LEE SKAW)			23	12/3/1968
52363	No	No	OSHIMA FRANK			185	6/30/1981
52253	No	No	OULDHOUSE GARRETT			318	7/8/1985
55976	No	No	OWEN ELLERY & GENEVIEVE C			13	6/5/1957
123083	No	Yes	OWSLEY GORDON			80	5/19/1991
63264	No	No	P D RANCH CO			21	10/1/1949
53623	No	No	PAGE RON			150	8/10/1989
220893	No	No	PAHUT, JOHN			100	7/25/2005
52322	No	No	PALAKOVICH JOHN			21	8/1/1962
63189	No	No	PALIN DUANE	8488		120	10/2/1975
63186	No	No	PALIN GLENN & PAM			140	10/27/1977
187340	No	No	PALMER LARRY	C114345-00		280	9/4/2000
162477	No	Yes	PALMER LARRY	11239		85	8/4/1976
148994	No	No	PARKE CHARLES			140	3/31/1995
63266	No	Yes	PARKER EUGENE ALEX	32818		100	3/17/1981
63267	No	No	PARKER FRED			71	7/10/1968
63273	No	No	PARKER FRED			27	7/11/1968
63257	No	No	PARKER FRED			140	8/29/1977

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52291	No	No	PARKER GERALD V			80	6/20/1989
55947	No	No	PARRENT C W & UNGER WILLIAM O			9	5/27/1968
178259	No	Yes	PAULSEN PAUL			0	
204805	No	No	PAWLAK FRANK			660	7/8/2003
170900	No	No	PAYNE SCOTT	C30004221		205	10/5/1998
52411	No	No	PENALUNA THOMAS			81	8/7/1965
52397	No	No	PENALUNA TOM & MILLER OW			60	1/1/1955
221173	No	No	PENCE, TERESA			270	9/8/2005
183659	No	No	PERETTI ED	C113730-00		40	6/6/2000
52332	No	No	PERIS DORTHEA	20196		70	8/21/1978
63282	No	No	PERKINS WALT			95	9/18/1972
52402	No	No	PERTTU HAROLD * WELL #1			35	1/1/1938
52403	No	No	PERTTU HAROLD * WELL #2			35	6/1/1938
52408	No	No	PERTTU HAROLD A.			0	1/1/1938
178969	No	No	PETERSON DAVID	C110332-00		145	10/7/1999
52215	No	No	PETERSON EMIL			90	8/13/1976
52228	No	No	PETERSON EMIL	19315		140	6/9/1978
63319	No	No	PETERSON JAMES			59	6/9/1981
162492	No	Yes	PETERSON JIM * FC-35			120	
63320	No	No	PETERSON PAUL			37	1/1/1957
63352	No	No	PETERSON RANDY AND SUSAN			30	12/17/1963
191289	No	No	PETERSON RANDY AND SUSAN			0	
163847	No	Yes	PETERSON RANDY OR SUSAN			117	4/25/1997
178011	No	No	PETERSON WETLAND MITIGATION			6.6	8/11/1999
178012	No	No	PETERSON WETLAND MITIGATION			4.62	8/11/1999
178013	No	No	PETERSON WETLAND MITIGATION			4.62	8/11/1999
178014	No	No	PETERSON WETLAND MITIGATION			5.94	8/11/1999
178015	No	No	PETERSON WETLAND MITIGATION			4.62	8/11/1999
178016	No	No	PETERSON WETLAND MITIGATION			4.62	8/11/1999
178017	No	No	PETERSON WETLAND MITIGATION			4.62	8/11/1999
192435	No	No	PETRITZ BILL			60	11/2/2001
52405	No	No	PEZDARK BEN			86	6/8/1972

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
52394	No	No	PEZDARK CHARLES			64	9/13/1984
183518	No	No	PFEIFER JAMES & LEE ANN			100	7/11/2000
173123	No	No	PHELAN BILL	C107410-00		220	8/31/1998
160437	No	No	PHILIPSBURG SCHOOL			122	9/22/1995
154000	No	Yes	PHILIPSBURG SCHOOL			110	2/16/1995
52338	No	No	PHILLIPS MR			39	8/27/1959
221391	No	No	PIPER, PAUL & DEBRA			350	9/16/2005
185856	No	No	PLEASANCE JAN			340	9/18/2000
184566	No	No	POLINSKY DONALD S			61	6/29/2000
184565	No	No	POLINSKY LOUIS			61	7/5/2000
166065	No	No	PORTER JOE			18	10/20/1963
124440	No	No	PRICE JOANN			200	7/1/1991
124441	No	No	PRICE JOANN			80	6/27/1991
181328	No	No	PS CONSTRUCTION. STAGEL	C110366-00		420	12/18/1999
52204	No	No	PUCCINELLI EDWARD	3571		65	8/10/1974
183622	No	No	PUCCINELLI JR. RAY			40	6/23/2000
181601	No	No	PUGH DAVE AND JENNE			460	5/8/2000
52350	No	No	PURCELL & RENZ ENTERPRISES			75	10/3/1973
52351	No	No	PURCELL JAMES			70	10/2/1973
52355	No	No	PURCELL JAMES E			70	1/1/1973
52220	No	No	QUAM GARY	2688		35	5/9/1974
215486	No	No	QUAM GARY			160	12/16/2004
156236	No	No	RABER DALE	C098915-00		220	7/8/1996
63259	No	No	RADTKE MARVIN			66	4/1/1950
52222	No	No	RAJACICH JOE			103	10/27/1980
206945	No	No	RAJACICH PEGGY			63	8/15/2003
189430	No	No	RANSFORD MARK			38	4/26/2001
162481	No	Yes	RANSFORD MARK * FC-12			40	
192440	No	No	REDFERN JOHN			700	6/18/2001
128605	No	No	REED DEAN			92	6/23/1992
63195	No	No	REEVES EDMAN & LOIS			80	8/2/1967
52392	No	No	REID MAX			182	8/9/1976

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
216700	No	No	REOPELLE BOB			320	12/13/2004
200426	No	No	REYNOLDS TONI			100	8/26/2002
63284	No	No	RICHARDS WALTER			17	1/1/1915
63285	No	No	RICHARDS WALTER			21	1/1/1913
63294	No	No	RICHARDS WALTER			65	3/17/1972
164802	No	No	RIDGEWAY CLARK			210	7/31/1997
129282	No	No	RILEY ED			123	7/22/1991
52310	No	No	RIORDAN MARY			65	7/25/1974
160183	No	Yes	RIVERS TIM			260	10/16/1996
160174	No	No	RIVERS TIM			260	10/16/1996
173122	No	No	ROACH DAN			280	8/10/1997
163975	No	No	ROACH DAN			180	6/11/1997
163976	No	No	ROACH DAN			280	8/10/1997
52283	No	No	ROBBINS JOHN MR./MRS	C71152-00		40	3/30/1989
126802	No	No	ROCHE JACK			130	4/15/1992
55970	No	No	ROCKING CHAIR RANCH INC			101	9/16/1986
57473	No	No	RODGERS MARY	21523		31	9/13/1978
57471	No	No	RODGERS WILLIAM & MARY			35	9/1/1944
57465	No	No	RODGERS WILLIAM & MARY			35	12/31/1963
195755	No	No	RON SKINNER RANCH			280	7/25/2001
141830	No	Yes	ROPER ROBERT J			140	3/18/1994
123821	No	No	ROSE JIM			65	8/29/1991
133738	No	No	ROSS PAT & DEAN			115	8/30/1992
52420	No	No	RUCKWARDT KURT	20146		125	8/17/1978
189341	No	No	RUE TOM JR.			140	4/24/2001
189338	No	No	RUE TOM JR.			120	4/19/2001
206169	No	No	RUESTOW JUDITH			580	8/1/2003
52385	No	No	RUSSEL ELMER			92	9/17/1969
52379	No	No	RUSSEL RAY			66	7/19/1969
214163	No	No	RUSSELL GARY			997	8/26/2004
53630	No	No	RUTTIG KIM			178	5/29/1990
213831	No	No	SAGER BRUCE			310	8/11/2004

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
133742	No	No	SAGER EARL			162	12/20/1992
159910	No	No	SALTENBERGER JACK AND EDNA			363	11/24/1996
178965	No	No	SCANLON JACK			274	7/1/1998
211000	No	No	SCHMIDT WILLIAM AND JUDY			0	4/15/1999
63281	No	No	SCHOOL DISTRICT NO 8			15	9/1/1956
63288	No	No	SCHULTZ JEANNETTE			36	1/1/1910
63342	No	No	SCHULTZ JEANNETTE			35	1/1/1922
158093	No	Yes	SENECAL GEORGE			180	8/14/1996
55958	No	Yes	SENECAL GEORGE			40	7/1/1889
52427	No	No	SENNETT JOHN	3838		145	8/10/1974
130150	No	No	SEVEN GABLES RESORT			58	10/5/1985
212816	No	No	SEWARD HAL			1135	6/29/2004
52327	No	No	SHAKOPEE HEIGHTS OWNERS ASSOCIATION - WELL 1	C020383-00	3541002	260	7/28/1976
52326	No	No	SHAKOPEE HEIGHTS OWNERS ASSOCIATION - WELL 2	C020384-00	3541003	260	8/30/1978
57478	No	No	SHEA RAY	7831		40	2/24/1976
52230	No	No	SHEPKE ALICE			160	10/10/1985
179078	No	No	SICHVELAND THOR			100	4/23/1999
178010	No	No	SIMMONS DAVID			280	11/26/1999
205685	No	No	SIMONICH EDWARD L AND CHARLOTTE			40	7/7/2003
63307	No	Yes	SKINNER HERB	39956		55	10/3/1980
63310	No	No	SKINNER HERBERT			80	12/30/1963
164313	No	Yes	SKINNER RON			0	
130198	No	Yes	SKINNER RON	25554		97	10/18/1976
154587	No	Yes	SKINNER RON * DNRC FLINT CREEK - FCB-1			130	1/10/1996
154588	No	Yes	SKINNER RON * DNRC FLINT CREEK - FCB-2			38	1/22/1996
154589	No	No	SKINNER RON * DNRC FLINT CREEK - FCB-3			38	1/22/1996
154590	No	Yes	SKINNER RON * DNRC FLINT CREEK - FCB-4			80	1/16/1996
52336	No	No	SLASSON JAMES			400	10/5/1983
52364	No	No	SLASSON JAMES * WELL #2			80	7/5/1974
52247	No	No	SLAUGHTER BILL	3874		140	8/15/1974
130156	No	No	SLOSSON JAMES			340	6/14/1978
130155	No	No	SLOSSON JAMES * WELL #1			80	6/30/1974

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
187853	No	Yes	SMART CREEK RANCH * DOUG BUXBAUM			31	
214113	No	No	SMITH JOHN .E			403	8/27/2004
162904	No	No	SMITH MICK			360	6/4/1997
192447	No	No	SMITH NORMAN			140	9/10/2001
156239	No	No	SMITH ROY			300	1/20/1996
214737	No	No	SMITH, BEN & LORRAINE			160	10/7/2004
52366	No	No	SOFTICH TONY			26	9/1/1966
214275	No	No	SOUTHERN CROSS LLC			1000	8/23/2004
215346	No	No	SOUTHERN CROSS LLC			80	10/7/2004
215521	No	No	SOUTHERN CROSS LLC			180	10/15/2004
215600	No	No	SOUTHERN CROSS LLC			200	11/12/2004
189215	No	No	SOUTHERN CROSS/ ST. TIMOTHYS			710	12/6/2000
52259	No	No	SPARR ROBERT			47	1/1/1957
63218	No	Yes	SPENCER EDDARD			52	5/15/1980
124548	No	No	SPENCER RICHARD E			50	7/9/1991
52356	No	No	SPIEGLE ED			160	9/28/1983
52309	No	No	SPUR CONSTRUCTION			125	7/29/1974
52311	No	No	SPUR CONSTRUCTION			170	7/26/1974
148031	No	No	SPURLOCK CLAYTON & JEAN			58	11/11/1994
52362	No	No	ST JOHN DON			78	4/1/1988
52206	No	No	ST JOHN ROBERT	69826		115	9/5/1988
168018	No	No	STEELE BOB	C105498-00		80	6/1/1998
52425	No	No	STEPHENS JOHN			167	6/13/1990
212815	No	No	STEVENSON MICHAEL AND MICHELLE			40	7/15/2004
218194	No	No	STIPSON JOHN AND CATHY			200	2/23/2005
63338	No	No	STOCKMAN BAR		679002	58	5/7/1977
52358	No	No	STOKKE DR CHARLES D			60	7/17/1986
57486	No	Yes	STROBBE BOB			100	12/20/1988
162487	No	Yes	STRUNA JIM * FC-11			18.6	
221349	No	No	STRUZNIK DENISE			110	7/22/2005
183660	No	No	STUARTS LANDING			58	6/30/2000
52308	No	No	STURM LEE			200	6/20/1961

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
181593	No	Yes	SUGARLOAF WOOL CARDING MILL			120	6/15/2000
121385	No	No	SULLIVAN JIM			45	6/18/1990
192442	No	No	SUNDBERG BILL			120	7/9/2001
189265	No	No	SUNDSTROM RICHARD			330	5/4/2001
214738	No	No	SUNDSTROM, GARY			500	9/29/2004
59389	No	No	SUNRISE 11 RANCH			43.5	12/2/1969
59381	No	No	SUNRISE 11 RANCH INC.			40	1/1/1885
63258	No	Yes	SWISS RANCH (DAVE HAUPTMAN)			120	9/21/1973
162491	No	No	SWISS RANCH * FC-32			50	
53629	No	No	T BAR 3 RANCH			20	12/31/1963
53636	No	Yes	T BAR 3 RANCH * FC-72			50	12/31/1963
213488	No	No	TAMARACK CONSTRUCTION			560	1/29/2004
178966	No	No	TAMARACK DEVELOPMENT LLC	C113245-00		200	11/1/1999
175977	No	No	TANGEDAHL LEE	C108113-00		203	6/2/1998
57474	No	No	TAVENNER LEE			155	6/21/1973
158793	No	No	TAYLOR JAMES	98553		200	6/9/1996
194343	No	No	TAYLOR ROBERT	C30001114		83	8/31/2000
215347	No	No	TELLING PHIL			100	10/3/2000
178971	No	No	THE LAND COMPANY			360	8/24/1998
181327	No	No	THE LAND COMPANY	C111847-00		500	10/20/1999
209965	No	No	TERRIAULT ALVIN			90	2/25/2004
163524	No	Yes	TERRIAULT ALVIN & MARGARET			300	4/16/1997
120395	No	No	THOMAS COLIN			60	6/20/1990
163978	No	No	THOMAS JIM			80	8/28/1997
52429	No	No	THOMPSON JOSEPH			135	6/1/1960
219447	No	No	THOMSON, PAUL			120	6/6/2005
158794	No	No	THORNTON RENEE			160	7/9/1996
211985	No	No	THORSHEIM DUANE A. AND SUSAN J.			155	4/30/2004
158795	No	No	TILLERSON BILL AND BETTY			180	7/15/1996
218185	No	No	TIPTON LARRY AND SHARON			380	9/15/2004
52302	No	No	TODOROVICH GEORGE D			20	7/10/1961
151014	No	No	TOKA INVESTMENTS LIMITED			700	10/28/1994

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
63261	No	Yes	TOM MCGOWAN RANCH			26	3/30/1972
52372	No	No	TOY JOSEPH & MRS.			90	7/29/1972
52307	No	No	TRACY GORDON M			290	9/13/1977
156237	No	Yes	TRAINOR MELVIN			190	7/22/1996
55956	No	No	TROTTER CLINTON			158	9/18/1978
52248	No	No	TUMSTILL RICHARD			80	12/31/1963
52383	No	No	TURNER WILLIAM & ANN			62	10/30/1966
197481	No	No	TYLER WENDY			298	8/8/2002
198174	No	No	UNGER KURT			420	7/24/2002
52201	No	Yes	UNGER WALTER			260	6/30/1973
52239	No	No	URICH STAN & ROSE			190	3/9/1990
52301	No	No	US DEPARTMENT OF AGRICULTURE			35	6/28/1963
53602	No	No	US DEPT OF AGRICULTURE * FOREST SERVICE			15	6/7/1961
52410	No	No	US DEPT OF AGRICULTURE * FOREST SERVICE			34	6/25/1963
52412	No	No	US FOREST SERVICE			14	8/1/1957
53631	No	No	US FOREST SERVICE			9	4/1/1954
53641	No	No	US FOREST SERVICE	LOG		9	4/1/1954
53642	No	No	US FOREST SERVICE			9	4/1/1954
52300	No	No	US FOREST SERVICE		62269003	46.7	11/1/1966
52297	No	No	US FOREST SERVICE	C051095-00	62269004	79.5	7/5/1968
52298	No	No	US FOREST SERVICE		62269002	38	10/6/1964
52296	No	No	US FOREST SERVICE	C051094-00	62266002	63	7/8/1968
162483	No	Yes	US SCS * #1 NEW CHICAGO * FC-04			5.9	
162484	No	Yes	US SCS * #2 NEW CHICAGO * FC-02			5.7	
52198	No	Yes	USDA	C051080-00	62262002	31	6/7/1961
52189	No	No	USDA FOREST SERVICE			56	12/15/1963
141251	No	Yes	USDA FOREST SERVICE	C090055-00		42.6	10/26/1993
53604	No	No	USDA FOREST SERVICE			100	8/5/1984
102353	No	No	VANVYNCK PETER			33	1/1/1919
130197	No	Yes	VERLANIC PAT	75676		100	5/23/1990
221346	No	No	VERSTRAETE DICK			260	8/4/2005
143693	No	Yes	VIETOR BILL			59	6/6/1994

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
55973	No	No	VIETOR BILL SR	10825		37	8/6/1976
185035	No	No	VIETOR T J			95	9/13/2000
151170	No	No	VIETOR TJ			138	6/6/1995
134090	No	No	VOGEL RAY			103	3/17/1993
55961	No	No	WALDBILLIG FRANK			35	1/1/1932
55966	No	Yes	WALDBILLIG FRANK			22	1/1/1928
55967	No	No	WALDBILLIG FRANK			25	1/1/1929
55968	No	No	WALDBILLIG FRANK			35	1/1/1959
204807	No	No	WALDBILLIG JEAN E			40	7/15/2003
204806	No	No	WALDBILLIG RAY			37.5	7/14/2003
141930	No	No	WALES BUTCH			63	1/24/1994
63283	No	No	WALLACE WOODROW			80	12/4/1957
63269	No	Yes	WALLACE WOODY			96	12/1/1969
53600	No	No	WALLER JACK			43.5	11/21/1989
145843	No	No	WALRED MIKE			67	10/2/1994
63187	No	No	WANGLER WILLIAM			120	7/26/1982
63194	No	No	WANGLER WILLIAM			100	10/7/1964
217389	No	No	WARNER GEORGE			42	2/2/2005
163972	No	No	WASHINGTON DEVELOPMENT CO			200	8/26/1997
163518	No	No	WASHINGTON DEVELOPMENT COMPANY			80	6/10/1997
160181	No	No	WASHINGTON DEVELOPMENT COMPANY			260	12/5/1996
52251	No	No	WEBBER DON			274	7/9/1984
57480	No	Yes	WEIGHTMON JOHN			75	7/18/1987
52415	No	No	WHALEY DAVIE & EDWARD			188	10/6/1970
52369	No	No	WHALEY WILFRED			22	1/1/1952
52419	No	No	WHITE LESTER			40	9/17/1970
52235	No	No	WHITEHEAD B & P			82	7/8/1987
55969	No	No	WICKBERG MARION			40	12/3/1958
55949	No	No	WICKBERG MARION			40	1/1/1953
57463	No	No	WICKBERG WALTER			35	4/6/1966
59392	No	No	WICKBERG WALTER W.			50	1/1/1935
132262	No	No	WIGHT BRUCE			38	11/16/1992

Table B-3. Groundwater Information Center Well Data - All GWIC wells in Flint-Rock HUC

M number- Site Report	Water Quality Data?	Hydrograph available?	Name	Water Right #	PWS ID	Depth	Date Completed
143506	No	No	WIGHT BRUCE A.			63	7/1/1994
59384	No	No	WIGHT ERNEST J.			18	1/1/1946
63291	No	No	WILCOX EARL & VARINNA			60	1/15/1973
153990	No	No	WILKONSON HENRY			480	6/8/1994
139109	No	No	WILLEY MIKE & DARLENE			100	9/4/1993
63213	No	No	WILLIAM DINGWALL CO.			25	1/1/1886
63331	No	No	WILLIAMS ALTON & PATRICIA	13972		100	4/23/1977
158078	No	Yes	WILLIAMS BOB			190	8/11/1996
53615	No	No	WILLIAMS WALLACE & VIOLET			14	12/30/1963
221133	No	No	WILLIAMS, BARB AND MARK			166	8/6/2005
52348	No	No	WILLS BILL	5523		160	6/25/1974
199945	No	No	WILSON PAUL C/O TAMARACK CONSTRUCTION			140	12/2/2002
185851	No	No	WILSON RAY & ROXANNE			70	8/25/2000
179987	No	No	WILTON MIKE			236	3/17/2000
52376	No	No	WINNIGHOFF PHIL			220	6/27/1973
52197	No	No	WINNINGHOFF BOB			105	9/24/1984
52289	No	No	WORD LUTHER			0	1/1/1955
183623	No	No	WRIGHT KEN			80	7/11/2000
59383	No	No	WRIGHT WILLIAM S.			38	7/5/1974
131159	No	No	WYANT BETTY			180	10/22/1992
205689	No	No	WYANT CHRIS			120	6/10/2003
208058	No	No	YARDLEY RAY			80	10/23/2003
53616	No	No	YARDLEY DANIEL DELBERT			33	4/14/1974
161840	No	No	YARDLEY DELBERT * FC-64			33	
53624	No	No	YARDLEY ELLIS			58	10/16/1970
53617	No	No	YARDLEY J. ELLIS			30	12/31/1963
213833	No	No	YEAGER JOE			160	7/16/2004
165356	No	Yes	YODER KEVIN			125	11/26/1997
52214	No	No	ZEIER PATRICK			100	8/12/1976

Data Description

This report provides basic information about the wells in the area you selected.

[Data is provided by the Groundwater Information Center \(GWIC\), a program of the Montana Bureau of Mines and Geology and was last updated 9/17/2004.](#)

B4.0 FISH SPECIES

Table B-4. Fish Species

Waterbody	Species	Abundance	Origin
Boulder Creek	Bull Trout	Rare	Native
	Mountain Whitefish	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Rare	Introduced
	Brown Trout	Common	Introduced
Colter Gulch	Westslope Cutthroat Trout	Unknown	Unknown
	Brook Trout	Unknown	Introduced
Copper Creek	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Abundant	Introduced
Cottonwood Creek	Westslope Cutthroat Trout	Rare	Native
Cow Creek	Westslope Cutthroat Trout	Rare	Native
Discovery Creek	Westslope Cutthroat Trout	Rare	Native
Douglas Creek	Westslope Cutthroat Trout	Unknown	Unknown
	Westslope Cutthroat Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Rare	Introduced
	Brown Trout	Common	Introduced
	Brown Trout	Unknown	Introduced
Flint Creek	Bull Trout	Rare	Native
	Largescale Sucker	Common	Native
	Longnose Sucker	Common	Native
	Mountain Whitefish	Abundant	Native
	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Abundant	Introduced
	Rainbow Trout	Abundant	Introduced
Fred Burr Creek	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
	Brown Trout	Unknown	Introduced
	Rainbow Trout	Unknown	Introduced
Goose Gulch	Westslope Cutthroat Trout	Rare	Native
Granite Creek	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
Little Gold Creek	Westslope Cutthroat Trout	Rare	Native
Lower Willow Creek	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Rare	Introduced
Marshall Creek	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
McLean Creek	Westslope Cutthroat Trout	Rare	Native
Middle Fork Douglas Creek	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Unknown	Introduced

Table B-4. Fish Species

Waterbody	Species	Abundance	Origin
Mohave Creek	Westslope Cutthroat Trout	Rare	Native
North Fork Douglas Creek	Westslope Cutthroat Trout	Rare	Native
North Fork Flint Creek	Longnose Sucker	Rare	Native
	Brook Trout	Common	Introduced
	Kokanee	Rare	Introduced
	Rainbow Trout	Rare	Introduced
North Fork Lower Willow Creek	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Rare	Introduced
Princeton Gulch	Westslope Cutthroat Trout	Rare	Native
Royal Gold Creek	Westslope Cutthroat Trout	Rare	Native
Senia Creek	Westslope Cutthroat Trout	Rare	Native
Smart Creek	Westslope Cutthroat Trout	Unknown	Native
South Boulder Creek	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Unknown	Introduced
South Fork Douglas Creek	Westslope Cutthroat Trout	Rare	Native
South Fork Lower Willow Creek	Longnose Sucker	Unknown	Native
	Westslope Cutthroat Trout	Rare	Native
Spring Creek	Westslope Cutthroat Trout	Rare	Native
Stuart Mill Creek	Brook Trout	Abundant	Introduced
	Brown Trout	Unknown	Introduced
	Kokanee	Abundant	Introduced
	Rainbow Trout	Unknown	Introduced
Swamp Gulch Creek	Westslope Cutthroat Trout	Rare	Native
Trout Creek	Westslope Cutthroat Trout	Rare	Native
	Brook Trout	Unknown	Introduced
	Brown Trout	Unknown	Introduced
West Fork Lower Willow Creek	Westslope Cutthroat Trout	Rare	Native
Wyman Gulch	Bull Trout	Rare	Native
	Westslope Cutthroat Trout	Rare	Native

B5.0 FLINT STRATIFICATION

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES			
BARN 06-01	BARN 05-01	BARN 04-01	BARN 03-01	BARN 02-01	BARN 01-01																															
6	5	4	3	2	1																															
1	1	1	1	1	1																															
1083	768	2310	537	678	1147																															
17am	17am	17am	17am	17am	17am																															
2	1	1	1	1	1																															
U	U	C	C	U	C																															
4-10	4-10	4-10	>10	>10	>10																															
STREAM ORDER	CONFINEMENT	GRADIENT	CONFINEMENT	CONFINEMENT	START																															
FOREST	FOREST	FOREST	FOREST	FOREST	FOREST																															
FOREST	FOREST	FOREST	FOREST	FOREST	FOREST																															
NO	NO	NO	NO	NO	NO																															
MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS																															
GOOD	GOOD	GOOD	GOOD	GOOD	GOOD																															
RANGE	RANGE	FOREST	FOREST	FOREST	FOREST																															
YES	NO	YES	NO	NO	NO																															
SHRUBS	SHRUBS	MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS	MATURE CONIFEROUS																															
FAIR	GOOD	FAIR	GOOD	GOOD	GOOD																															
TRAILS	SOME CONIFERS	TRANSITIONING TO RANGE																																		
0	0	0	0	0	0																															
40	30	20	0	0	0																															
0	0	0	0	0	0																															
0	0	0	0	0	0																															
0	0	0	0	0	0																															
60	70	80	100	100	100																															
0	0	0	0	0	0																															

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_070	BARN 11-01	11	1	1845	17ak	17am	3		U	<2	STREAM ORDER	RVC/LULC	AG LAND	LIVESTOCK CONFINEMENT	RURAL RES./ HOBBY FARM	YES	SHRUBS	FAIR	LIVESTOCK CONFINEMENT AREA	HAY/ PASTURE	YES	SHRUBS	FAIR	CORRAL AT BOTTOM OF REACH	10	40	0	0	0	0	10	40	OTHER - CORRALS, SOME MATURE DECIDUOUS
MT76E003_070	BARN 10-01	10	1	2650	17ak	17am	2		U	<2	GRADIENT			RANGE	RANGE	YES	GRASS	FAIR	JEEP TRAILS	RANGE	YES	GRASS	FAIR		20	50	0	0	0	30	0		
MT76E003_070	BARN 09-02	9	2	4901	17ak	17am	2		U	2-<4		RVC		RANGE	RANGE	YES	GRASS	FAIR	JEEP TRAILS	RANGE	YES	GRASS	FAIR	CORRALS AT LOWER END OF	20	60	0	0	0	40	0		
MT76E003_070	BARN 09-01	9	1	6694	17ak	17am	2		U	2-<4	GRADIENT			RANGE	RANGE	NO	SHRUBS	FAIR		RANGE	NO	SHRUBS	FAIR		0	60	0	0	0	40	0		
MT76E003_070	BARN 08-01	8	1	1682	17ak	17am	2		U	4-10	CONFINEMENT			RANGE	RANGE	YES	SHRUBS	FAIR	FOREST UPPER END OF REACH	RANGE	YES	SHRUBS	FAIR		0	60	0	0	0	40	0		
MT76E003_070	BARN 07-01	7	1	1816	17ak	17am	2		C	4-10	ECOREGION			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		RANGE	NO	SHRUBS	GOOD	SOME CONIFERS	0	40	0	0	0	60	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINED	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 01-01																																
		MT76E003_070	BARN 13-03	13	3	8176	17ak	17am	3	<2		RVC/LULC	AG LAND	HAY	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	HAY/PASTURE	YES	GRASS	FAIR	RURAL RESIDENCE UPPER THIRD OF REACH	0	0	0	0	0	0	0	0	LOTS OF BARE GROUND IN HAY FIELDS
		MT76E003_070	BARN 13-02	13	2	4565	17ak	17am	3	<2		RVC		RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	GRASS	FAIR	RANGE ALONG UPPER HALF OF REACH	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATED HAY FIELD ALONG UPPER HALF	0	20	0	0	0	30	0	50	OTHER - EXTENSIVE RESIDENTIAL LAND USE ALONG BOTTOM THIRD OF REACH
		MT76E003_070	BARN 13-01	13	1	3884	17ak	17am	3	<2	GRADIENT			RURAL RESIDENCE	HAY/PASTURE	YES	GRASS	FAIR	SOME SHRUBS	RURAL RES./HOBBY FARM	YES	GRASS	FAIR	LIVESTOCK CORRALS	20	20	0	0	0	40	0	20	OTHER - CORRALS
		MT76E003_070	BARN 12-01	12	1	1895	17ak	17am	3	2-<4	GRADIENT			HAY	HAY/PASTURE	YES	SHRUBS	FAIR	SEVERAL 2-3 ACRE FENCED IN AREAS	HAY/PASTURE	YES	SHRUBS	FAIR	IRRIGATION	10	20	0	0	0	60	10	0	SOME MATURE DECIDUOUS

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 02-01	2	1	2386	17am		1		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	OCCASIONAL OPEN AREAS
MT76E003_060	BOUL 03-01	3	1	1472	17am		1		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 04-01	4	1	859	17am		1		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 05-01	5	1	829	17am		2		U	2-<4	STREAM ORDER			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 06-01	6	1	1593	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 07-01	7	1	558	17am		2		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 13-02	13	2	1779	17am		2		C	4-10	CONFINEMENT			MINE	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	MINE AND JEEP TAIL	20	0	0	60	0	0	20	0	
MT76E003_060	BOUL 13-01	13	1	1929	17am		2		C	4-10				FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL	40	0	0	0	0	0	60	0	MINE AT UPPER END, BUT NO VISIBLE IMPACT
MT76E003_060	BOUL 12-01	12	1	2140	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD	MINE AT LOWER END OF REACH	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAILS	30	0	0	20	0	0	50	0	
MT76E003_060	BOUL 11-01	11	1	2399	17am		2		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_060	BOUL 10-01	10	1	952	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_060	BOUL 09-01	9	1	6694	17am		2		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0	OCCASIONAL OPEN AREAS	
MT76E003_060	BOUL 08-01	8	1	1641	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINEMENT/ GRADIENT	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 16-01	16	1	2489	17am		3			2-<4				FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	FAIR	ROAD	60	0	0	0	0	40	0			
MT76E003_060	BOUL 15-03	15	3	526	17am		3			4-10	RVC/LULC	RVC/LULC	ROAD	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	FAIR	JEEP TRAIL	60	0	0	0	0	40	0			
MT76E003_060	BOUL 15-02	15	2	2433	17am		3			4-10	RVC/LULC	RVC/LULC	ROAD	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	FAIR	JEEP TRAIL	60	0	0	0	0	40	0			
MT76E003_060	BOUL 15-01	15	1	2957	17am		3		STREAM ORDER/ GRADIENT	4-10				FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	FAIR	ROAD	50	0	0	0	0	50	0			
MT76E003_060	BOUL 14-01	14	1	2068	17am		2		CONFINEMENT/ GRADIENT	2-<4				MINE	FOREST	YES	MATURE CONIFEROUS	FAIR	CROSSING MIDDLE OF	MINE	YES	FAIR	ROAD AND TAILINGS POND?	40	0	0	30	0	30	0			
MT76E003_060	BOUL 13-03	13	3	2748	17am		2			4-10		LULC	MINE? END	HARVEST	HARVEST	YES	FOREST	FAIR	JEEP TRAIL	HARVEST/FIRE	YES	FAIR	ROAD AND MINE (LOWER END)?	10	0	0	40	0	20	0			

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 19-01	19	1	5528	17am		3		U	<2	GRADIENT	LULC	RESIDENTIAL? MINE? END	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR		WETLAND	YES	SHRUBS	FAIR	ROAD AND HOUSES	20	0	0	0	0	80	0	MAJOR POWERLINE CROSSES REACH	
MT76E003_060	BOUL 18-02	18	2	1706	17am		3		U	2-<4		LULC	RESIDENTIAL? MINE? START	RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	HOUSES WITH LOTS OF LAWNS	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	40	0	0	0	0	20	40	OTHER-RURAL RES.	
MT76E003_060	BOUL 18-01	18	1	1378	17am		3		U	2-<4	GRADIENT	LULC	RESIDENTIAL? END	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL/HOUSE?	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	50	0	0	0	0	50	0		
MT76E003_060	BOUL 17-01	17	1	963	17am		3		U	4-10	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	HOUSES	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	HOUSE	50	0	0	0	0	20	30	OTHER-RURAL RES.	
MT76E003_060	BOUL 16-02	16	2	1704	17am		3		U	2-<4		LULC	RESIDENTIAL? START	RURAL RESIDENCE	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD AND HOUSES BOTTOM OF REACH	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	ROADS AND HOUSES	50	0	0	0	0	30	20	OTHER-RURAL RES., MINE IDENTIFIED AT TOP OF REACH	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 19-02	19	2	4875	17am		3		U	<2		LULC	AG START	FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR	ROADS AND HOUSES	30	0	0	0	0	0	40	30	
MT76E003_060	BOUL 20-01	20	1	950	17am		3		U	2-<4	GRADIENT	LULC	AG END	HARVEST	HARVEST/FIRE	YES	MATURE CONIFEROUS	FAIR	LOGGING APPROX. 300 FT UPSLOPE	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD ENCROACHMENT LOWER END	30	0	0	0	50	0	20	0	
MT76E003_060	BOUL 20-02	20	2	1560	17am		3		U	2-<4		RVC		FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	GRASS	FAIR	OPEN AREA SHOWS VEHICLE USE	40	0	0	0	0	0	60	0	
MT76E003_060	BOUL 20-03	20	3	818	17am		3		U	2-<4		RVC		FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	GOOD			0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 21-01	21	1	464	17am		3		U	<2	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	GOOD			0	0	0	0	0	0	100	0	
MT76E003_060	BOUL 21-02	21	2	1328	17am		3		U	<2			RESIDENTIAL START	FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	GOOD	RESIDENCE AND ROAD	30	0	0	0	0	0	100	0	
MT76E003_060	BOUL 21-02	21	2	1328	17am		3		U	<2			RESIDENTIAL START	FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	GOOD	RESIDENCE AND ROAD	30	0	0	0	0	0	100	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINES	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_060	BOUL 25-01	25	1	2767	17am		3		U	<2	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM/ROAD	YES	BARE	POOR	HOUSES AND ROAD	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	ONE STRUCTURE AT UPPER END	50	0	0	0	0	10	40	OTHER - RESIDENTIAL	
MT76E003_060	BOUL 24-01	24	1	1756	17am		3		U	2-<4	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	MANY HOUSES	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	ONE STRUCTURE AT UPPER END	40	0	0	0	0	20	40	OTHER - RESIDENCES	
MT76E003_060	BOUL 23-01	23	1	2437	17am		3		U	<2	GRADIENT			RURAL RESIDENCE	ROAD	YES	CONIFERS	FAIR	MORE SHRUBS AT LOWER END	RURAL RES./HOBBY FARM	YES	CONIFERS	FAIR	MORE SHRUBS AT LOWER END	50	0	0	0	20	30	OTHER - RESIDENTIAL		
MT76E003_060	BOUL 22-02	22	2	464	17am		3		U	2-<4		LULC	RESIDENTIAL START	RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	GRASS	FAIR	HOUSE AND ROAD	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	HOUSE AND ROAD	30	0	0	0	20	50	OTHER - RESIDENTIAL		
MT76E003_060	BOUL 22-01	22	1	1351	17am		3		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	20	0	0	0	80	0			
MT76E003_060	BOUL 21-03	21	3	639	17am		3		U	<2		LULC	RESIDENTIAL END	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	LINEAR CLEARED AREA	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD CLOSE TO STREAM AT UPPER END	30	0	0	0	70	0			

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_020	DOUN 08-01	8	1	783	17ak	17am	2		U	<2	GRADIENT	RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	SHRUBS	GOOD		20	50	0	0	0	0	30	0		
MT76E003_020	DOUN 07-01		1	3018	17ak	17am	2		U	2-<4	GRADIENT			RANGE	ROAD	YES	SHRUBS	FAIR		RANGE	SHRUBS	GOOD		50	30	0	0	0	20	0			
MT76E003_020	DOUN 06-01		1	796	17ak	17am	2		U	4-10	GRADIENT			RANGE	RANGE	YES	SHRUBS	FAIR	OCCASIONAL DECIDUOUS TREES	RANGE	SHRUBS	FAIR		50	20	0	0	0	30	0	ROAD CROSSING UPPER END OF REACH		
MT76E003_020	DOUN 05-01		1	4400	17ak	17am	2		U	2-<4	GRADIENT			ROAD	ROAD	YES	SHRUBS	FAIR	ROAD ENCROACHMENT	ROAD	SHRUBS	FAIR		100	0	0	0	0	0	0			
MT76E003_020	DOUN 04-01		1	793	17ak	17am	2		U	4-10	GRADIENT			HARVEST/ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING LOWER HALF OF REACH	ROAD	SHRUBS	FAIR		50	10	0	0	30	0	10			
MT76E003_020	DOUN 03-01		1	1384	17ak	17am	2		U	2-<4	GRADIENT			FOREST/ROAD	FOREST	NO	MATURE CONIFEROUS	GOOD		ROAD	SHRUBS	FAIR		50	10	0	0	0	40	0			

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_100	DOUS 04-01	4	1	479	17am		1		U	4-10	CONFINEMENT/GRADIENT			HARVEST	HARVEST/FIRE	YES	FAIR	SOME DECIDUOUS TREES	HARVEST/FIRE	YES	SHRUBS	FAIR	SOME DECIDUOUS TREES	10	0	0	0	50	0	40	0		
MT76E003_100	DOUS 03-02	3	2	740	17am		1		C	>10		LULC	RIPARIAN CLEARING BEGIN	HARVEST	FOREST	YES	FAIR		HARVEST/FIRE	YES	SHRUBS	FAIR		10	0	0	0	50	0	40	0		
MT76E003_100	DOUS 03-01	3	1	419	17am		1		C	>10	CONFINEMENT			FOREST	FOREST	NO	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0		
MT76E003_100	DOUS 02-01	2	1	404	17am		1		U	>10	CONFINEMENT			FOREST	FOREST	NO	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0		
MT76E003_100	DOUS 01-01	1	1	1119	17am		1		C	>10	START			FOREST	FOREST	NO	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0		
MT76E003_020	DOUN 12-01	12	1	1183	17ak	17am	2		U	<2	GRADIENT			HAY	HAY/PASTURE	YES	FAIR		HAY OR BARLEY	YES	SHRUBS	FAIR		50	0	0	0	0	50	0	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_100	DOUS 13-01	13	1	348	17am		1		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		ROAD	YES	MATURE CONIFEROUS	FAIR		50	0	0	0	0	50	0		
MT76E003_100	DOUS 12-01	12	1	1097	17am		1		U	4-10	CONFINEMENT	LULC	ROAD BEGIN	MINE	MINE	YES	BARE	POOR		ROAD	YES	BARE	POOR		50	0	0	0	0	0	0		
MT76E003_100	DOUS 11-02	11	2	1164	17am		1		C	4-10		LULC	RIPARIAN CLEARING/ROAD END	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	YES	MATURE CONIFEROUS	FAIR	ROAD	30	0	0	0	0	70	0			
MT76E003_100	DOUS 11-01	11	1	523	17am		1		C	4-10	CONFINEMENT			MINE	MINE	YES	BARE	POOR		MINE	YES	BARE	POOR		0	0	0	100	0	0	0		
MT76E003_100	DOUS 10-01	10	1	1174	17am		1		U	4-10	CONFINEMENT			MINE	MINE	YES	BARE	POOR		MINE	YES	BARE	POOR		0	0	0	80	0	0	20	0	FORESTED AREA BETWEEN TWO RECLAIMED TAILINGS PILES
MT76E003_100	DOUS 09-01	9	1	743	17am		1		C	4-10	CONFINEMENT			MINE	MINE	YES	BARE	POOR		MINE	YES	BARE	POOR		0	0	0	100	0	0	0		RECLAIMED TAILINGS?

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 02-01	2	1	2526	17am		2		C	2-<4	GRADIENT			ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	YES	BARE	POOR		70	0	0	0	0	0	30	0		
MT76E003_011	FLIN 01-01		1	477	17am		2		C	4-10	START			ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	YES	BARE	POOR		70	0	0	0	0	0	0	0		
MT76E003_100	DOUS 19-02		2	6618	17ak	17am	2		U	2-<4		LULC	DITCH BEGIN	URBAN	URBAN	YES	BARE	POOR	AG FIELDS ALSO	URBAN	YES	BARE	POOR	AG FIELDS ALSO	100	0	0	0	0	0	0	0	STREAM TRANSFORMS TO A DITCH
MT76E003_100	DOUS 19-01		1	682	17ak	17am	2		U	2-<4	GRADIENT			MINE	ROAD	YES	GRASS	FAIR	OCCASIONAL SHRUBS	MINE	YES	GRASS	FAIR	SOME SHRUBS, MINE TAILINGS LOWER END OF REACH	50	0	0	50	0	0	0	0	
MT76E003_100	DOUS 18-01		1	375	17ak	17am	2		U	4-10	STREAM ORDER			ROAD	ROAD	YES	SHRUBS	FAIR	GRASS LOWER END OF REACH	RANGE	YES	SHRUBS	FAIR	GRASS LOWER END OF REACH	90	0	0	0	0	10	0	0	POWERLINE AND ROAD CROSSING MIDDLE OF REACH

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES	
MT76E003_011	FLIN 03-01	3	1	485	17am		2		C	4-10	GRADIENT			ROAD	FOREST	YES	BARE	POOR	LOGGING?	ROAD	YES	BARE	POOR	TALUS SLOPE	70									
MT76E003_011	FLIN 04-01	4	1	1785	17am		2		C	>10	GRADIENT	LULC	ROAD ADJACENT END	FOREST	FOREST	NO	BARE	POOR	SEVERAL LARGE GULLIES AND TALUS SLOPE	ROAD	YES	BARE	POOR	LARGE NON-VEGETATED TALUS SLOPE	50							ROAD HAS TO BE IMPACTING STREAM		
MT76E003_011	FLIN 05-01	5	1	630	17am		2		C	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	TREE THINNING LOWER END OF REACH	0									
MT76E003_011	FLIN 06-01	6	1	2435	17am		2		U	2-<4	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR	SOME CONIFERS	FOREST	YES	MATURE CONIFEROUS	FAIR	FORESTED TALUS SLOPE	50							OTHER-RURAL RES., POWERLINE UPPER END OF REACH		
MT76E003_011	FLIN 07-01	7																																
		1																																
		2294																																
		17am																																
		3																																
		U																																
		2-<4																																
		STREAM ORDER																																
		LULC																																
		ROAD BEGIN																																
		RURAL RESIDENCE																																
		ROAD																																
		YES																																
		SHRUBS																																
		FAIR																																
		ROAD ENCROACHMENT UPPER HALF OF REACH																																
		RURAL RES./HOBBY FARM																																
		YES																																
		SHRUBS																																
		FAIR																																
		ROAD ENCROACHMENT LOWER HALF OF REACH																																
		50																																
		0																																
		0																																
		0																																
		0																																
		30																																
		20																																
		OTHER-RURAL RES.																																

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 10-01	10	1	8503	17ak	17am	4		U	<2	STREAM ORDER			HAY	HAY/PASTURE	YES	GRASS	FAIR	RURAL RES. MIDDLE OF REACH	HAY/PASTURE	YES	GRASS	FAIR		10	20	0	0	0	0	0	0	OTHER-RURAL RES.
MT76E003_011	FLIN 09-02	9	2	5986	17ak	17am	3		U	<2		LULC	AG LAND	HAY	HAY/PASTURE	YES	GRASS	FAIR	RURAL RES. UPPER HALF OF REACH	HAY/PASTURE	YES	GRASS	FAIR	PIVOT IRRIGATION, POND UPPER END OF REACH	10	0	0	0	0	0	0	40	OTHER- RURAL RES., HAMMERED STREAM NEXT TO RES.
MT76E003_011	FLIN 09-01	9	1	12887	17ak	17am	3		U	<2	ECOREGION			HAY	HAY/PASTURE	YES	GRASS	FAIR	SOME SHRUBS	HAY/PASTURE	YES	GRASS	FAIR	SOME SHRUBS	20	20	0	0	60	0	0	SEVERAL ROAD CROSSINGS	
MT76E003_011	FLIN 08-02	8	2	1755	17am		3		U	<2		LULC/RVC	ROAD END	PASTURE	HAY/PASTURE	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR		0	50	0	0	30	20	0		
MT76E003_011	FLIN 08-01	8	1	4259	17am		3		U	<2	GRADIENT			ROAD	FOREST	YES	SHRUBS	FAIR	RURAL RES. LOWER END OF REACH	ROAD	YES	SHRUBS	FAIR		60	0	0	0	0	20	20	OTHER-RURAL RES.	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 11-01	11	1	6486	17am	17ak-17am	4		U	<2	ECOREGION			HAY	HAY/PASTURE	YES	GRASS	FAIR	MINE SITE? LOWER END OF REACH, OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS, ROAD ENCROACHMENT MIDDLE OF REACH	40	30	0	0	0	30	0		
MT76E003_011	FLIN 10-05	10	5	2351	17ak	17am	4		U	<2		LULC	CHANNELIZATI ON END/ROAD	HAY	HAY/PASTURE	YES	GRASS	FAIR		HAY/PASTURE	YES	GRASS	FAIR	CONIFERS LOWER END OF	30	70	0	0	0	0	0		
MT76E003_011	FLIN 10-04	10	4	1766	17ak	17am	4		U	<2		LULC	CHANNELIZATION BEGIN/ROAD	ROAD	HAY/PASTURE	YES	BARE	POOR		ROAD	YES	BARE	POOR		70	30	0	0	0	0	0	LOOKS CHANNELIZED AND HAMMERED	
MT76E003_011	FLIN 10-03	10	3	39728	17ak	17am	4		U	<2		LULC	CHANNELIZATION END	HAY	HAY/PASTURE	YES	GRASS	FAIR		HAY/PASTURE	YES	GRASS	FAIR	SEWAGE LAGOON MIDDLE OF REACH	10	20	0	0	0	70	0	0	
MT76E003_011	FLIN 10-02	10	2	3434	17ak	17am	4		U	<2		LULC	CHANNELIZATION BEGIN	HAY	HAY/PASTURE	YES	GRASS	FAIR		HAY/PASTURE	YES	GRASS	FAIR		0	10	0	0	0	90	0	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 14-01	14	1	2692	17ak	17am-17ak-17am	4		U	<2	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		10	40	0	0	0	0	0	50	OTHER-RURAL RES., ROAD CROSSING LOWER END OF REACH
MT76E003_011	FLIN 15-01	15	1	1085	17ak	17am-17ak-17am	4		U	2-<4	GRADIENT			RANGE	RANGE	YES	GRASS	FAIR	SOME SHRUBS, IRRIGATION WITHDRAWAL	RANGE	YES	GRASS	FAIR	SOME SHRUBS	0	70	0	0	0	0	10	20	OTHER-RURAL RESIDENCE BOTH BANKS
MT76E003_011	FLIN 15-02	15	2	670	17ak	17am-17ak-17am	4		U	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	100	0	0	0	0	0	0	NARROW RIPARIAN CORRIDOR
MT76E003_011	FLIN 16-01	16	1	906	17ak	17am-17ak-17am	4		U	<2	GRADIENT			RANGE	RANGE	YES	SHRUBS	FAIR	SOME GRASS COVERED BANKS	RANGE	YES	SHRUBS	FAIR		0	100	0	0	0	0	0	0	
MT76E003_011	FLIN 16-02	16	2	1170	17ak	17am-17ak-17am	4		U	<2		RVC		RANGE	RANGE	YES	SHRUBS	FAIR	IRRIGATION WITHDRAWAL AT UPPER END OF REACH	RANGE	YES	SHRUBS	FAIR	IRRIGATION WITHDRAWAL UPPER END OF REACH	0	60	0	0	0	20	20	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 18-04	18	4	4626	17ak	17am-17ak-17am	4		U	<2		RVC		HAY	HAY/PASTURE	YES	SHRUBS	FAIR	RURAL RES. MIDDLE OF REACH	HAY/PASTURE	YES	SHRUBS	FAIR		10	20	0	0	0	70	0	0	
MT76E003_011	FLIN 18-03	18	3	2579	17ak	17am-17ak-17am	4		U	<2		LULC	CROP	HAY	HAY/PASTURE	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR		20	30	0	0	0	50	0	0	HIGHWAY RUNS THROUGH MIDDLE OF REACH
MT76E003_011	FLIN 18-02	18	2	3677	17ak	17am-17ak-17am	4		U	<2		LULC	CROP	HAY	RANGE	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR	PROBABLY HAY OR BARLEY COVERED	0	30	0	0	0	60	10	0	
MT76E003_011	FLIN 18-01	18	1	6018	17ak	17am-17ak-17am	4		U	<2			GRADIENT	HAY	HAY/PASTURE	YES	SHRUBS	FAIR	GRASS COVERED	HAY/PASTURE	YES	SHRUBS	FAIR	GRASS COVERED	10	30	0	0	0	60	0	0	
MT76E003_011	FLIN 17-01	17	1	1715	17ak	17am-17ak-17am	4		U	2-<4			GRADIENT	HAY	HAY/PASTURE	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR		0	40	0	0	50	10	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_011	FLIN 18-08	18	8	2662	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH HOUSE END	HAY	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS, ROAD ENCROACHMENT UPPER END OF REACH	20	30	0	0	0	50	0	0	
MT76E003_011	FLIN 18-07	18	7	1001	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH HOUSE BEGIN	HAY	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR	HAY OR BARLEY	0	20	0	0	80	0	0		
MT76E003_011	FLIN 18-06	18	6	2965	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH END	HAY	HAY/PASTURE	YES	SHRUBS	FAIR		HAY/PASTURE	YES	SHRUBS	FAIR	SOME GRASS COVERED BANKS	10	40	0	0	50	0	0		
MT76E003_011	FLIN 18-05	18	5	1642	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH BEGIN	RURAL RESIDENCE	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS, CORRALS NEAR STREAM IN MIDDLE OF REACH	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		10	50	0	0	40	0	0		
																																ROAD CROSSES REACH NEAR LOWER END OF REACH	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES	
MT76E003_011	FLIN 18-12	18	12	16879	17ak	17am-17ak-17am	4		U	<2		LULC	LUMBER YARD? END	HAY	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRAS	FAIR	OCCASIONAL SHRUBS	0	20	0	0	0	80	0	0		
MT76E003_011	FLIN 18-11	18	11	2305	17ak	17am-17ak-17am	4		U	<2		LULC	LUMBER YARD? BEGIN	RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	SHRUBS	POOR	DID NOT CALL RIP HEALTH FAIR DUE TO IMPACT RIGHT NEXT TO BANK	RURAL RES./HOBBY FARM	YES	GRASS	FAIR	SOME HAY/PASTURE LANDUSE ALSO	10	0	0	0	20	0	0	70	OTHER-LUMBERYARD, ALSO HIGHWAY CROSSES REACH AT LOWER END OF REACH	
MT76E003_011	FLIN 18-10	18	10	11405	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH END	HAY	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRASS	FAIR	RURAL RESIDENCES AND ROAD ENCROACHMENT, ALSO IRRIGATION PIVOTS	30	0	0	0	40	0	30	30	OTHER-RURAL RES.	
MT76E003_011	FLIN 18-09	18	9	1776	17ak	17am-17ak-17am	4		U	<2		LULC	RANCH BEGIN	RURAL RESIDENCE	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	RURAL RES./HOBBY FARM	YES	BARE	POOR	MORE SHRUBBY AT LOWER END OF REACH	30	0	0	0	30	0	60	60	OTHER-RURAL RES.	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 03-01	3	1	2489	17am		1		C	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_040	FRED 02-01	2	1	562	17am		1		C	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_040	FRED 01-01	1	1	494	17am		1		C	4-10	START			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_011	FLIN 19-02	19	2	10823	17ak	17am-17ak-17am	5		U	<2		RVC		HAT	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRASS	FAIR	SHRUBS, ALSO PIVOT	0	20	0	0	80	0	0		
MT76E003_011	FLIN 19-01	19	1	7032	17ak	17am-17ak-17am	5		U	<2	STREAM ORDER			HAY	HAY/PASTURE	YES	GRASS	FAIR	OCCASIONAL SHRUBS	HAY/PASTURE	YES	GRASS	FAIR		10	20	0	0	70	0	0	ROAD CROSSES REACH AT LOWER END, IRRIGATION WITHDRAWLS ON BOTH BACKS	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 09-01	9	1	1232	17am		1		C	>10	CONFINEMENT/ GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 08-01	8	1	2246	17am		1		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 07-01	7	1	2687	17am		1		U	4-10	CONFINEMENT/G RADIANT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 06-01	6	1	329	17am		1		C	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 05-01	5	1	1072	17am		1		C	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 04-01	4	1	363	17am		1		C	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 15-01	15	1	1563	17am		2		C	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 14-01	14	1	801	17am		2		C	4-10	CONFINEMENT/ GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 13-01	13	1	1156	17am		2		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 12-01	12	1	1051	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 11-01	11	1	1245	17am		2		U	2-<4	STREAM ORDER/CONFINE/GRAD			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 10-01	10	1	725	17am		1		C	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINEMENT	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 16-01	16	1	376	17am		2		U	>10	CONFINEMENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 17-01	17	1	1003	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 18-01	18	1	318	17am		2		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 19-01	19	1	269	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 19-02	19	2	2377	17am		2		U	4-10		RVC		FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	MATURE DECIDUOUS	FAIR	ROAD LOWER END OF REACH	30	0	0	0	0	0	70	0	
MT76E003_040	FRED 19-03	19	3	570	17am		2		U	4-10			MINE AREA?/ROADS START	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE DECIDUOUS	FAIR		0	0	0	100	0	0	0	0	
MT76E003_040	FRED 16-01	16	1	376	17am		2		U	>10	CONFINEMENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_040	FRED 17-01	17	1	1003	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 18-01	18	1	318	17am		2		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 19-01	19	1	269	17am		2		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	0	100	0	
MT76E003_040	FRED 19-02	19	2	2377	17am		2		U	4-10		RVC		FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	MATURE DECIDUOUS	FAIR	ROAD LOWER END OF REACH	30	0	0	0	0	0	70	0	
MT76E003_040	FRED 19-03	19	3	570	17am		2		U	4-10			MINE AREA?/ROADS START	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE DECIDUOUS	FAIR		0	0	0	100	0	0	0	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 21-04	21	4	4403	17am		2		U	<2		LULC	RESIDENTIAL END	RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR	OBVIOUS CLEARED RIP. VEG	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		20	0	0	0	0	30	50	OTHER-RURAL RES., ROAD CROSSING LOWER END OF REACH	
MT76E003_040	FRED 21-03	21	3	1190	17am		2		U	<2		LULC	RESIDENTIAL START	RURAL RESIDENCE	FOREST	YES	SHRUBS	FAIR		RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		20	0	0	0	0	50	30	OTHER-RURAL RES., ROAD CROSSING LOWER END OF REACH	
MT76E003_040	FRED 21-02	21	2	3329	17am		2		U	<2		LULC	MINE AREA?/ROADS END	RURAL RESIDENCE	HARVEST/FIRE	YES	MATURE CONIFEROUS	FAIR	TRAILS	RURAL RES./HOBBY FARM	YES	SHRUBS	FAIR		0	0	0	0	50	10	40	OTHER-RURAL RESIDENCES	
MT76E003_040	FRED 21-01	21	1	1891	17am		2		U	<2	GRADIENT			HARVEST	ROAD	YES	SHRUBS	FAIR		HARVEST/FIRE	YES	SHRUBS	FAIR	CAMPING AREA?	50	0	0	0	0	0	0	ROAD CROSSING AT BOTTOM OF REACH	
MT76E003_040	FRED 20-01	20	1	1592	17am		2		U	2-<4	GRADIENT			HARVEST	ROAD	YES	SHRUBS	FAIR		HARVEST/FIRE	YES	SHRUBS	FAIR	MINE 200 FT AWAY	40	0	0	0	60	0	0	ENOUGH OF A BUFFER FROM MINE?	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 24-01	24	1	565	17ak	17am	2		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_040	FRED 23-01	FRED 23-01	23	1244	17ak	17am	2		U	4-10	GRADIENT	LULC/RVC	MINE? END	FOREST	FOREST	NO	FOREST	GOOD	MIXED WITH SHRUBS	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL ACCESS POINT	10	0	0	0	90	0			
MT76E003_040	FRED 22-01	FRED 22-01	22	821	17ak	17am	2		U	<2	ECOREGION			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	GRASS	FAIR		RURAL RES./HOBBY FARM	YES	GRASS	FAIR		0	0	0	0	0	100	0		OTHER-OBVIOUS CLEARING OF RIP. VEG
MT76E003_040	FRED 21-06	FRED 21-06	21	2700	17am		2		U	<2		LULC/RVC	MINE?	HARVEST	HARVEST/FIRE	YES	MATURE CONIFEROUS	FAIR		MINE?	YES	MATURE CONIFEROUS	FAIR	FIELD CONFIRM LANDUSE	40	0	0	40	0	20	0		MINE LAYERS DO NOT INDICATE A MINE, ROAD THRU MIDDLE OF REACH
MT76E003_040	FRED 21-05	FRED 21-05	21	1413	17am		2		U	<2		RVC		FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE CONIFEROUS	FAIR		0	0	0	0	70	30		OTHER-POWER LINE THRU MIDDLE OF REACH	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_040	FRED 28-01	28	1	1771	17ak	17am	2		U	2-<4	GRADIENT	RVC/LULC	RANCH? START	RURAL RESIDENCE	RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	SOME DECIDUOUS TREES	HAY/PASTURE	YES	DECIDUOUS	FAIR		10	0	0	0	0	0	60	OTHER-RURAL RES.	
MT76E003_040	FRED 27-01	27	1	634	17ak	17am	2		U	4-10	GRADIENT			FOREST	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	80	20	OTHER-RURAL RES., END OF GLACIAL TERMINAL MORaine	
MT76E003_040	FRED 26-01	26	1	884	17ak	17am	2		U	>10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_040	FRED 25-02	25	2	652	17ak	17am	2		U	2-<4		RVC		FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	TRAILS-LIVESTOCK?	10	30	0	0	0	60	0	CHANNEL LOOKS WIDENED-LIVESTOCK?	
MT76E003_040	FRED 25-01	25	1	920	17ak	17am	2		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	TRAILS-LIVESTOCK?	20	20	0	0	0	60	0	CHANNEL LOOKS WIDENED AT LOWER END OF REACH-LIVESTOCK?	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_090	PRGU 08-02	8	2	767	17am		1		U	2-<4	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	0	0	0	0	70	0			
MT76E003_090	PRGU 08-01	8	1	2079	17am		1		U	2-<4	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	0	0	0	40	0	60	0		
MT76E003_090	PRGU 07-01	7	1	1158	17am		1		U	4-10	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	10	0	0	20	0	70	0		
MT76E003_090	PRGU 06-01	6	1	405	17am		1		U	>10	CONFINEMENT/GRADIENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD ENCROACHMENT	FOREST	YES	MATURE CONIFEROUS	FAIR		40	0	0	0	60	0			
MT76E003_090	PRGU 05-01	5	1	501	17am		1		C	4-10	GRADIENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD ENCROACHMENT	30	0	0	0	70	0		ROAD CROSSING MIDDLE OF REACH	
MT76E003_090	PRGU 04-01	4	1	1227	17am		1		C	>10	CONFINEMENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	100	0			

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_090	PRGU 14-01	14	1	330	17am		2		U	>10	CONFINEMENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	ROAD	YES	MATURE CONIFEROUS	FAIR		50	0	0	0	30	0	20	0	
MT76E003_090	PRGU 13-01	13	1	298	17am		2		C	>10	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	ROAD	YES	MATURE CONIFEROUS	FAIR		50	0	0	0	30	0	20	0	
MT76E003_090	PRGU 12-01	12	1	511	17am		2		C	4-10	CONFINEMENT/ GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	ROAD	YES	MATURE CONIFEROUS	FAIR		70	0	0	0	10	0	20	0	
MT76E003_090	PRGU 11-01	11	1	838	17am		2		U	>10	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	40	0	0	0	40	0	20	0	
MT76E003_090	PRGU 10-01	10	1	528	17am		2		U	4-10	STREAM ORDER			ROAD	ROAD	YES	MATURE CONIFEROUS	FAIR		ROAD	YES	MATURE CONIFEROUS	FAIR		80	0	0	0	0	20	0	0	
MT76E003_090	PRGU 09-01	9	1	1971	17am		1		U	4-10	GRADIENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR	LOGGING AND RURAL RESIDENCE	30	0	0	0	50	0	20	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_090	PRGU 14-02	14	2	400	17am		2		U	>10		LULC	ROAD END	HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	30	0	0	0	30	0	40	0	
MT76E003_090	PRGU 15-01	15	1	527	17am		2		C	>10	CONFINEMENT			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL	30	0	0	0	50	0	20	0	
MT76E003_090	PRGU 16-01	16	1	781	17am		2		U	>10	CONFINEMENT			MINE	MINE	YES	MATURE CONIFEROUS	FAIR	LOGGING	MINE	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL	20	0	0	40	40	0	0	0	ABANDONED MINES- DEQ HAS A MINE LOCATED HERE
MT76E003_090	PRGU 17-01	17	1	483	17am		2				LAKE	LULC	MINE/TAILINGS POND?	MINE	FOREST	YES	BARE	POOR	MINE	FOREST	YES	BARE	POOR	MINE	0	0	0	100	0	0	0	0	
MT76E003_090	PRGU 18-01	18	1	326	17am		2		U	>10	NO CHANGE		SAME AS REACH 16-01	MINE	FOREST	YES	BARE	POOR	MINE	ROAD	YES	BARE	POOR		40	0	0	60	0	0	0	0	
MT76E003_090	PRGU 18-02	18	2	362	17am		2		U	>10		LULC	END MINE?	MINE	FOREST	YES	BARE	POOR	MINE	ROAD	YES	BARE	POOR	ROAD	20	0	0	30	0	0	50	0	
MT76E003_090	PRGU 14-02	14	2	400	17am		2		U	>10		LULC	ROAD END	HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	30	0	0	0	30	0	40	0	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_110	SMAR 05-01	5																															
MT76E003_110	SMAR 04-01		4	3191	17am	17x	1		U	2-<4	ECOREGION	RVC		RANGE	RANGE	YES	GRASS	FAIR		RANGE	YES	GRASS	FAIR	JEEP TRAIL LOWER END OF REACH	0	70	0	0	0	30	0		
MT76E003_110	SMAR 03-01		3	2458	17x		1		U	2-<4	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL LOWER END OF REACH	10	0	0	0	0	0	0	0	
MT76E003_110	SMAR 02-01		2	2652	17x		1		U	4-10	GRADIENT			FOREST	FOREST	NO	MATURE CONIFEROUS	GOOD		FOREST	NO	MATURE CONIFEROUS	GOOD		0	0	0	0	0	100	0		
MT76E003_110	SMAR 01-01		1	1271	17x		1		U	>10	START			HARVEST	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TAIL UPPER END OF REACH	HARVEST/FIRE	YES	MATURE CONIFEROUS	FAIR	LOGGING	10	0	0	0	50	0	0	0	
MT76E003_090	PRGU 19-01		19	1192	17am		2		U	4-10	GRADIENT			RURAL RESIDENCE	RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR		RURAL RES./HOBBY FARM	YES	MATURE CONIFEROUS	FAIR		20	0	0	0	0	0	0	80	OTHER - RURAL RES., ROAD CROSSING MIDDLE OF REACH
LOOKS HAMMERED-FIELD VERIFY																																	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINEMENT	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_110	SMAR 10-01	10	1	2606	17am	17x	2			2-<4	CONFINEMENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	NO	MATURE CONIFEROUS	GOOD		40	0	0	0	0	60	0		
MT76E003_110	SMAR 09-01	9	1	1503	17am	17x	2			2-<4	CONFINEMENT	LULC	ROAD/CHANNELIZATION	FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR		40	30	0	0	50	0		FIELD VERIFY TO SEE IF LOGGING OCCURRED ON RB SLOPE	
MT76E003_110	SMAR 08-02	8	2	5593	17am	17x	2			2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD IN MIDDLE OF REACH	10	50	0	0	40	0		FIELD VERIFY TO SEE IF LOGGING OCCURRED ON RB SLOPE	
MT76E003_110	SMAR 08-01	8	1	1895	17am	17x	2			2-<4	GRADIENT			RANGE	RANGE	YES	GRASS	FAIR		RANGE	YES	GRASS	FAIR		0	70	0	0	30	0		OCCASIONAL SHRUBS	
MT76E003_110	SMAR 07-01	7	1	1798	17am	17x	2			<2	STREAM ORDER			RANGE	RANGE	YES	GRASS	FAIR	JEEP TRAIL	RANGE	YES	GRASS	FAIR		30	50	0	0	20	0			
MT76E003_110	SMAR 06-01	6	1	976	17am	17x	1			<2	CONFINEMENT			RANGE	RANGE	YES	GRASS	FAIR		RANGE	YES	GRASS	FAIR		0	70	0	0	30	0		LOOKS HAMMERED-FIELD VERIFY	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES	
MT76E003_110	SMAR 11-01	11	1	1206	17am	17x	2		U	2-<4	CONFINEMENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	NO	MATURE CONIFEROUS	GOOD		50							OCCASIONAL SHRUBS		
MT76E003_110	SMAR 12-01	12	1	6255	17am	17x	2		C	2-<4	CONFINEMENT			FOREST	ROAD	YES	MATURE CONIFEROUS	FAIR		FOREST	YES	MATURE CONIFEROUS	FAIR	NICE FOREST WITH ONE ROAD ACCESS POINT	60	0	0	0	0	0	0	40	0	
MT76E003_110	SMAR 13-01	13	1	1864	17am	17x	2		U	2-<4	CONFINEMENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR	MINE ADIT? UNDER POWERLINE	50	0	0	0	0	0	50	0	LARGE POWER LINE CROSSES STREAM AT BOTTOM OF REACH	
MT76E003_110	SMAR 14-01	14	1	1176	17am	17x	2		C	2-<4	CONFINEMENT			FOREST	ROAD	YES	SHRUBS	FAIR		FOREST	NO	MATURE CONIFEROUS	GOOD		50	0	0	0	0	0	50	0		
MT76E003_110	SMAR 15-01	15	1	3733	17am	17x	2		U	2-<4	CONFINEMENT			FOREST	ROAD	YES	MATURE CONIFEROUS	FAIR	UPSLOPE/LEFT SIDE OF ROAD AT LOWER	FOREST	NO	MATURE CONIFEROUS	GOOD		50	0	0	0	0	0	0	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110	MT76E003_110
SMAR 20-01	SMAR 16-01	16	1	1708	17am	17x	2		C	2-<4	CONFINEMENT			FOREST	ROAD	YES	SHRUBS	FAIR		FOREST	NO	MATURE CONIFEROUS	GOOD		50	10	0	0	0	0	40	0	
20		17	1	1316	17ak	17am-17x	2		U	2-<4	ECOREGION/ CONFINEMENT			FOREST	FOREST	YES	SHRUBS	FAIR	SOME SHRUBS	FOREST	NO	MATURE CONIFEROUS	GOOD		30	10	0	0	0	60	0		
1		18	1	2741	17ak	17am-17x	2		U	<2	GRADIENT			FOREST	RANGE	YES	SHRUBS	FAIR	ROAD	FOREST	YES	MATURE CONIFEROUS	FAIR	CUT THROUGH FOREST MIDDLE	50	20	0	0	0	0	30	0	
3348		19	1	1057	17ak	17am-17x	2		C	2-<4	CONFINEMENT/ GRADIENT			RANGE	RANGE	YES	SHRUBS	FAIR	ROAD	FOREST	NO	MATURE CONIFEROUS	GOOD		30	30	0	0	0	40	0		
17ak		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
17am-17x		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
2		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
U		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
2-<4		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
CONFINEMENT		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
HAY		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
HAY/PASTURE		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
YES		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
GRASS		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
FAIR		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
SOME SHRUBS AT UPPER END OF REACH		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
HAY/PASTURE		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
YES		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
GRASS		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
FAIR		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
30		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
50		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
0		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
0		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
0		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
0		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
20		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		
0		19	2	661	17ak	17am-17x	2		C	2-<4		RVC		RANGE	RANGE	YES	SHRUBS	FAIR		RANGE	YES	SHRUBS	FAIR		0	50	0	0	0	50	0		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES			
MT76E003_110	SMAR 21-01	21	1	2572	17ak	17am-17x	2		U	<2	GRADIENT	LULC	CROP LAND	HAY	HAY/PASTURE	YES	GRASS	FAIR	HAY OR BARLEY	HAY/PASTURE	YES	GRASS	FAIR	FARM BUILDINGS LOWER PART OF	0	0	0	0	0	70	0	30	OTHER - FARM BUILDINGS, STREAM LOOKS HAMMERED			
MT76E003_110	SMAR 21-02	21	2	5352	17ak	17am-17x	2		U	<2		LULC	END CROP LAND	HAY	HAY/PASTURE	YES	GRASS	FAIR	FARM BUILDINGS UPPER END OF REACH	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION WITHDRAWAL UPPER END OF REACH	10	20	0	0	0	70	0	0	BARE LOOKING UPPER END OF REACH - FIELD VERIFY			
	TROU 01-01	1	1	900	17am		1		U	2-<4	START			RANGE	RANGE	YES	SHRUBS	FAIR	ROAD	HAY/PASTURE	YES	SHRUBS	FAIR	IRRIGATION	30	20	0	0	0	30	20	0				
	TROU 02-01	2	1	2164	17am		1		U	<2	GRADIENT			PASTURE	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	0	30	0	0	0	70	0	0				
	TROU 03-01	3	1	4431	17am		1		U	2-<4	GRADIENT			HAY	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	0	30	0	0	0	50	20	0	RANGE UPPER HALF OF REACH			
TROU 04-01		4												HAY											0	20	0	0	0	0	0					
		1																																		
		3665																																		
		17ak																																		
		17am																																		
		1																																		
		U																																		
		2-<4																																		
		ECOREGION																																		
		HAY																																		
		HAY/PASTURE																																		
		YES																																		
		GRASS																																		
		FAIR																																		
		IRRIGATION																																		
		HAY/PASTURE																																		
		YES																																		
		GRASS																																		
		FAIR																																		
		IRRIGATION																																		
		0																																		
		20																																		
		0																																		
		0																																		
		0																																		
		80																																		
		0																																		
		0																																		

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFIN	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
TROU 08-02	TROU 08-01	8	1	1382	17ak	17am	3		U	2-<4	STREAM ORDER			HAY	HAY/PASTURE	YES	GRASS	FAIR	CENTER PIVOTS APPROX. 500 FT AWAY	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	0	40	0	0	0	0	0		
	TROU 07-01	7	1	3436	17ak	17am	2		U	2-<4	GRADIENT			HAY	HAY/PASTURE	YES	GRASS	FAIR		HAY/PASTURE	YES	GRASS	FAIR		0	30	0	0	0	70	0	0	
	TROU 06-01	6	1	862	17ak	17am	2		U	4-10	GRADIENT			HAY	RANGE	YES	GRASS	FAIR		HAY/PASTURE	YES	GRASS	FAIR		0	50	0	0	0	50	0	0	
	TROU 05-01	5	1	7562	17ak	17am	2		U	2-<4	STREAM ORDER			HAY	HAY/PASTURE	YES	GRASS	FAIR	SOME FOREST AT UPPER END OF REACH	HAY/PASTURE	YES	GRASS	FAIR		0	30	0	0	0	50	20	0	SOME SHRUBS THROUGHOUT REACH

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINEMENT	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_070	WFBA 02-01	2	1	1773	17am		1		C	>10	CONFINEMENT			HARVEST	FOREST	YES	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	20	10	0	0	60	0	10	0	ROAD CROSSINGS LOWER END OF REACH	
	MT76E003_070	1	1	879	17am		1		U	>10	START			HARVEST	FOREST	YES	FAIR	LOGGING	FOREST	YES	MATURE CONIFEROUS	FAIR	LOGGING	20	10	0	0	60	0	10	0	2 ROAD CROSSINGS LOWER END OF REACH	
	TROU 11-04	11	4	8781	17ak	17am	3		U	<2	END CHANNELIZATION	LULC		HAY	HAY/PASTURE	YES	FAIR	RURAL RESIDENCE LOWER END REACH	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	10	20	0	0	0	50	0	20	OTHER - RURAL RESIDENCE, ROAD CROSSING LOWER END REACH	
	TROU 11-03	11	3	3163	17ak	17am	3		U	<2	CHANNELIZATION	LULC		HAY	HAY/PASTURE	YES	FAIR	IRRIGATION	HAY/PASTURE	YES	GRASS	FAIR	IRRIGATION	10	0	0	0	0	70	0	20	OTHER - RURAL RESIDENCE, ROAD CROSSING LOWER END REACH	
	TROU 11-02	11	2	3343	17ak	17am	3		U	<2	IRRIGATION	LULC		RURAL RESIDENCE	HAY/PASTURE	YES	FAIR	RURAL RESIDENCE	HAY/PASTURE	YES	GRASS	FAIR	LARGE CORRALS NEXT TO STREAM	10	10	0	0	0	50	0	30	OTHER - CORRALS, ROAD CROSSING MIDDLE OF REACH	

Table B-5. Flint Stratification

ENTITY ID	REACH ID	REACH	SUBREACH	LENGTH_FT	PRI_ECOREG	SEC_ECOREG	STREAM_ORD	STREAM_O_1	CONFINE	GRADIENT	HB_TRIGGER	SB_TRIGGER	COMMENTS	DOMLU	LB_LANDUSE	LB_ANTHRO	LB_RP_VEG	LB_RP_HLTH	LB_COMMENT	RB_LANDUSE	RB_ANTHRO	RB_RP_VEG	RB_RP_HLTH	RB_COMMENT	ANTHRO_TRA	ANTHRO_GRA	ANTHRO_CRO	ANTHRO_MIN	ANTHRO_FOR	ANTHRO_IRR	ANTHRO_NAT	ANTHRO_OTH	NOTES
MT76E003_070	WFBA 09-01	9	1	1864	17ak	17am	1		U	4-10	CONFINEMENT			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAIL	FOREST	NO	MATURE CONIFEROUS	GOOD		20	40	0	0	0	40	0		
MT76E003_070	WFBA 08-01	8	1	634	17ak	17am	1		C	4-10	ECOREGION			FOREST	FOREST	YES	MATURE CONIFEROUS	FAIR	JEEP TRAILS	FOREST	NO	MATURE CONIFEROUS	GOOD		20	30	0	0	0	50	0		

B6.0 METALS DATA

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni_ ugL	TR_Zn ugL	TSS ugL	TR_Ca mgl	D_Ca mgl	
3823BA01	8/17/1978	46.589722	-113.1575		3																			
BARNESCO1	9/5/2007	46.61124	-113.16065	294	2.37	7.85		<1	8	188	<0.08	<1	<1	180	<0.5		21500	49	<10	4.2	7690		82.4	
BARNESCO1	9/4/2008	46.61124	-113.16065	183	1.6	7.8		<5	9		<0.08		2	150	0.6		13000	27		<10	<4000		52	
BARNESCO1	5/28/2009	46.61124	-113.16065	144	3.9	7.64			8		1.01		4	2020	4.2	11000		148		20	78000	40		
BARNESCO1	8/26/2009	46.61124	-113.16065	233	6.53	8.44			7		0.08		4	1710	3	18000		87		10	67000	60		
BARNESCO2	9/4/2007	46.5906	-113.15941		1.25	7.92								1500										
BARNESCO2	5/22/2008	46.5906	-113.15941		2.05	7.8								3640										
BARNESCO2	8/19/2008	46.5906	-113.15941		0.17									2000										
BARNESCO2	5/28/2009	46.5906	-113.15941	245	2.5	7.62								1560		20000					63000	65		
BARNESCO2	8/25/2009	46.5906	-113.15941		2.5	8.52								2110		24000					84000	72		
BARNESCO3	5/22/2008	46.5676	-113.1451		1.75	7.35								4810								209000		
BARNESCO3	8/19/2008	46.5676	-113.1451		1.02									6420										
BARNESCO3	5/28/2009	46.5676	-113.1451	216	2	7.93								2790		18000						138000	58	
BARNESCO3	8/25/2009	46.5676	-113.1451	277	2.5	8.2																69000		
BARNESCO4	7/10/2008	46.5421	-113.1351											1720										
BARNESCO4	8/19/2008	46.5421	-113.1351		0.52									710										
C02BARNC01	7/15/2004	46.59065	-113.15937	212	2.74	8.15	<100	<3	3	105	0.2	<1	3	1410	2.3		17000	130	<20	<10	143000		57	
C02BARNC02	7/16/2004	46.61089	-113.16017	232	1.31	8.3	<100	<3	4	114	<0.1	<1	1	240	<0.5		17000	20	<20	<10	9000		64	
BLUEBIRD-ADIT	8/18/2009	46.4186	-113.0853	20	0.4	7.66		<3	<3		1.65		19	<30	6.2	<1000		<5	<10	190	<4000	8		
BOULDERC02	8/28/2007	46.44766	-113.22	107	25.7	8.48		<1	2	53	<0.08	<1	<1	20	<0.5		6880	<5	<10	3	<1000		31.6	
BOULDERC02	5/22/2008	46.44766	-113.22	40	200	5.56			<3		<0.08		2		1.8	2000			<10	<10		12		
BOULDERC02	8/12/2008	46.44766	-113.22	85	38.9	8.97			<3		<0.08		<1		<0.5		5000		<10	<10	<4000		27	
BOULDERC02	5/29/2009	46.44766	-113.22	33	367	7.17			<3		1.81		2		2.7	2000			<10	<10	8000	11		
BOULDERC02	8/20/2009	46.44766	-113.22	82	50	8.15			<3		<0.08		<1		<0.5	5000			<10	<10	<4000	25		
BOULDERC03	8/27/2007	46.41897	-113.17217	98.9	18.3	8.26		<1	2	29	<0.08	<1	<1	10	<0.5		5480	<5	<10	4.9	<1000		30.6	
BOULDERC03	5/21/2008	46.41897	-113.17217	32	150	5.54			<3		<0.08		2		1.9	2000			<10	10		10		
BOULDERC03	8/12/2008	46.41897	-113.17217	77	23.6	8.79			<3		<0.08		<1		<0.5		4000		<10	<10	<4000		25	
BOULDERC03	6/2/2009	46.41897	-113.17217	35	257	6.83			<3		2.93		1		1.6	2000			<10	<10	<4000	11		
BOULDERC03	8/20/2009	46.41897	-113.17217	76	36	8.04			<3		<0.08		<1		<0.5	4000			<10	<10	<4000	24		
BOULDERC05	5/21/2008	46.3816	-113.1202	29	64.9	5.5			<3		<0.08		1		<0.5	1000			<10	<10		10		
BOULDERC05	8/12/2008	46.3816	-113.1202	79	11.3	8.29			<3		<0.08		<1		<0.5		3000		<10	<10			27	
BOULDERC05	5/27/2009	46.3816	-113.1202	39	104	7.18			<3		1.01		<1		<0.5	1000			<10	<10	<4000	13		
BOULDERC05	8/18/2009	46.3816	-113.1202	73	14.2	8.09			<3		<0.08		<1		<0.5	3000			<10	<10	<4000	25		
BOULDERC01	8/30/2007	46.47392	-113.23612	108	10.5	8.45		<1	2	52	<0.08	<1	<1	20	<0.5		7020	<5	<10	3.5	<1000		31.8	
BOULDERC01	5/22/2008	46.47392	-113.23612	34	250	6.2		<5	<3		<0.08		3	290	2.2		2000	10	<10	10	7000		10	
BOULDERC01	8/13/2008	46.47392	-113.23612	83	22.3			<5	<3		<0.08		<1	<30	<0.5			<5	<10	<10				
BOULDERC01	5/28/2009	46.47392	-113.23612	34	335	7.91					1.63		2	310	2.3	2000		10			8000	11		
BOULDERC01	8/20/2009	46.47392	-113.23612	81	46	7								50		5000						25		
BOULDERC04	8/27/2007	46.41058	-113.15196	92.3	9.19	7.71		<1	2	25	<0.08	<1	<1	10	<0.5		4680	<5	<10	5.7	<1000		29.2	
BOULDERC04	5/21/2008	46.41058	-113.15196	27	100	5.38			<3		<0.09		2		1.5	1000			<10	10		9		
BOULDERC04	8/12/2008	46.41058	-113.15196	75	14.7	8.8			<3		<0.08		<1		<0.5		3000		<10	<10	<4000		26	
BOULDERC04	5/27/2009	46.41058	-113.15196	29	180	7.01			<3		1.09		2		2.7	1000			<10	<10	<4000	10		

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni ugL	TR_Zn ugL	TSS ugL	TR_Ca mgL	D_Ca mgL
BOULDERC04	8/19/2009	46.41058	-113.15196	75	15.5	8			<3		<0.08		<1		<0.5	3000			<10	<10	<4000	25	
COPPERC01	5/21/2008	46.4034	-113.1453	13	50	5.11			<3		<0.08		<1		<0.5	<1000			<10	<10		4	
COPPERC01	8/12/2008	46.4034	-113.1453	40	10	8.62			<3		<0.08		<1		<0.5		2000		<10	<10	<4000		13
COPPERC01	6/2/2009	46.4034	-113.1453	13	58.2	6.94			<3		1.61		<1		<0.5	<1000			<10	<10	<4000	4	
COPPERC01	8/19/2009	46.4034	-113.1453	31	7	7.95			<3		<0.08		<1		<0.5	2000			<10	<10	<4000	9	
CO2MLNMA01	6/10/2009	46.4273	-113.1299	110	0.028	8		1	2	9	0.22	<1	3	<10	2.1			<5	<10	19	<1000		
MOUNTAINL-ADIT	8/19/2009	46.4273	-113.1298	104	0.01	8.07							2		0.9	2000				20	<4000	38	
PRINCEROYAL-ADIT	8/18/2009	46.412	-113.0964	13	0.011	8.37		<3	<3		<0.08		2	40	4.7	<1000		9	<10	10	<4000	5	
PRINCETONG02	5/22/2008	46.43376	-113.13091	86	0.28	5.69			4		0.55		2		2.4	4000			<10	10		27	
PRINCETONG01	8/27/2007	46.41806	-113.16892	163	0.19	7.86		<1	3	53	<0.08	<1	<1	30	<0.5		11100	<5	<10	5	3050		47
PRINCETONG01	5/21/2008	46.41806	-113.16892	71	2.56	6.01			<3		<0.08		<1		<0.5		2000			<10	<4000		24
PRINCETONG01	8/20/2008	46.41806	-113.16892	233	0.26				<3		<0.08		<1		1.9		14000			<10	7000		70
PRINCETONG01	5/27/2009	46.41806	-113.16892	74	6.6	7.1					0.99					2000						26	
PRINCETONG01	8/24/2009	46.41806	-113.16892	104	0.6	8.22										4000						36	
ROYALGOLDC01	5/21/2008	46.3998	-113.1415	17	4	4.77			<3		0.19		9		9.4	<1000			<10	50		6	
ROYALGOLDC01	8/12/2008	46.3998	-113.1415	22	1.25	8.38			<3		<0.08		2		0.9		<1000		<10	20	4000		8
ROYALGOLDC01	5/29/2009	46.3998	-113.1415	11	15	6.32			<3		1.14		6		7.8	<1000			<10	30	5000	4	
ROYALGOLDC01	8/19/2009	46.3998	-113.1415	22	1.6	7.81			<3		<0.08		2		1.1	<1000			<10	20	<4000	8	
CO2S20MA01	6/10/2009	46.4265	-113.133	63.5	0.04	7.8		<1	<1	22	<0.08	<1	<1	<10	<0.5			<5	<10	2	<1000		
CO2SLTMA01	6/10/2009	46.3975	-113.1076	13.9	0.1	8.02		<1	<1	<5	<0.08	<1	<1	20	0.6			<5	<10	6	<1000		
STARLIGHT-ADIT	8/18/2009	46.3977	-113.1079	17	0.1	8.02									<0.5	<1000				<10	<4000	6	
CO2CAMPC01	8/17/2005	46.33225	-113.28515		1	8	<100	<3	6	17	<0.1	<1	<1	10	<0.5		20000	11	<20	20	<1000		48
CAMPC03	8/23/2007	46.33231	-113.28517	31	0.73	8.19		<1	10	31	0.23	<1	2	30	2.1		35700	83	<10	95.3	1700		65.3
CAMPC04	8/24/2007	46.33435	-113.26762	92.1	0.1	7.33		<1	13	36	0.16	<1	1	100	4.3		4900	47	<10	160	<1000		28.8
CAMPC01	8/24/2007	46.33915	-113.31172	13.5	2.85	8.32		<1	6	17	<0.08	<1	1	60	1		13400	30	<10	15.7	2000		31.9
CAMPC03	5/20/2008	46.33231	-113.28517	323	0.1	7.83			12		0.8		16		30.9	37000		1310		330		68	
CAMPC-PIPE3A	5/20/2008	46.3311	-113.2873	223	0.05	7.21			10		<0.08		<1		<0.5	22000		<5		20		53	
CAMPC-PIPE3B	5/20/2008	46.3311	-113.2873	256	0.03	6.96			10		0.13		<1		<0.5	26000		<5		20		59	
CAMPC-PIPE3C	5/20/2008	46.3311	-113.2873	251	0.01	6.8			11		<0.08		<1		<0.5	26000		<5		<10		58	
CAMPC02	5/21/2008	46.3313	-113.2901	102	2.67	6.95			5		<0.08		<1		0.5	10000		14		10		25	
CAMPC04	5/21/2008	46.33435	-113.26762	50	0.45	5.57		<5	16		0.67		5		32.8	3000		267		380		15	
CAMPC01	5/21/2008	46.33915	-113.31172	115	3.02	6.77			5		<0.08		3	370	5.3	11000		92		40		28	
CAMPC03	8/11/2008	46.33231	-113.28517	282	0.08	8.5			8		0.22		3		3.8		32000	200		100			60
CAMPC04	8/11/2008	46.33435	-113.26762	70	0.03	8.5			10		<0.08		<1		0.8		3000	7		50			22
CAMPC01	8/11/2008	46.33915	-113.31172	255	1.04	8.37		<5	7		<0.08		<1	30	0.8		24000	20		20			62
CAMPC-PIPE3A	8/11/2008	46.3311	-113.2873	215		7.65			9		0.09		<1		<0.5		21000	<5		20			51
CAMPC-PIPE3B	8/11/2008	46.3311	-113.2873	245		7.75			9		0.14		<1		<0.5		25000	<5		20			56
CAMPC-PIPE3C	8/11/2008	46.3311	-113.2873	221		7.87			11		<0.08		<1		<0.5		22000	<5		<10			52
CAMPC02	5/28/2009	46.3313	-113.2901	267	2.02	8.08			8		1.68		<1		<0.5	27000		7		20	<4000	63	
CAMPC03	5/28/2009	46.33231	-113.28517	299	0.025	8.16			7		1.76		2		2.4	35000		81		80	4000	62	
CAMPC04	5/28/2009	46.33435	-113.26762	38	0.701	7.77			14		3.51		7		40.5	2000		238		760	15000	11	
CAMPC01	5/28/2009	46.33915	-113.31172	103	3.16	8.1		<3	5		1.14		2	140	4.2	10000		41		20	7000	25	
CAMPC-PIPE3A	5/28/2009	46.3311	-113.2873	226	0.22	7.75			9		1.16		<1		<0.5	23000		<5		20	<4000	52	

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni_ ugL	TR_Zn ugL	TSS ugL	TR_Ca mgl	D_Ca mgl
CAMPC-PIPE3B	5/28/2009	46.3311	-113.2873	256	0.12	7.83			9		2.36		<1		<0.5	27000		<5		20	<4000	58	
CAMPC-PIPE3C	5/28/2009	46.3311	-113.2873	249	0.008	8.01			11		0.96		<1		<0.5	26000		<5		<10	<4000	57	
C02TMKMA01	6/9/2009	46.3319	-113.2612	224	0.09	6.9		<1	8	14	21.5	<1	22	1140	0.5			3070	<10	11500	5800		
MCKAY-ADIT	8/19/2009	46.3319	-113.2612	226	0.65	6.85					17		15	940	0.7	10000		2580		9320	10000	73	
CAMPC02	8/19/2009	46.3313	-113.2901	258	1.5	7.67			8		0.12		<1		<0.5	26000		8		20	<4000	60	
CAMPC03	8/19/2009	46.33231	-113.28517	284	0.06	7.65			7		0.2		2		2.5	33000		78		100	<4000	60	
CAMPC04	8/19/2009	46.33435	-113.26762	118	0.6	7.31			5		2.35		2		3.8	6000		26		2110	<4000	38	
CAMPC01	8/19/2009	46.33915	-113.31172	111	1.64	7.66		<3	6		0.12		3	170	3.2	11000		66		30	8000	26	
CAMPC-PIPE3A	8/19/2009	46.3311	-113.2873	216	0.12	7.17			9		0.09		<1		<0.5	22000		<5		10	<4000	50	
CAMPC-PIPE3B	8/19/2009	46.3311	-113.2873	243	0.07	7.17			9		0.16		<1		<0.5	26000		<5		20	<4000	55	
CAMPC-PIPE3C	8/19/2009	46.3311	-113.2873	237	0.022	7.18			11		<0.08		<1		<0.5	25000		<5		<10	<4000	54	
DOUGLASC-H01	8/31/2007	46.54995	-113.21549	157	1.65	8.25		<1	3	66	<0.08	<1	<1	160	<0.5		9050	14	<10	6.3	6200		47.9
DOUGLASC-H01	5/20/2008	46.54995	-113.21549	114	2	6.74		<5	<3		0.17		2	890	1.2		6000	52		20	22000		36
DOUGLASC-H01	8/14/2008	46.54995	-113.21549	130	4.73			<5	4		0.12		<1	300	<0.5			16		10			
C02UPCMA01	6/11/2009	46.4799	-113.1071	60.4	1.3	8.2		<1	1	<5	<0.08	<1	<1	<10	<0.5			<5	<10	<1	<1000		
DOUGLASC-H02.5	8/25/2009	46.5013	-113.1712								0.23		1	70		6000				20		38	
DOUGLASC-H02.5	8/25/2009	46.5013	-113.1712	119	9.9	8.28																	
DOUGLASC-H01	5/28/2009	46.5498	-113.2155	130	9.7				<3				5	1430	1.8	6000		56		50			
DOUGLASC-P02	8/23/2007	46.31489	-113.28572	251	0.73	7.1		5	155	23	2.77	<1	12	1950	<0.5		15800	11200	<10	1970	23100		74.7
DOUGLASC-P04	8/29/2007	46.30782	-113.2418	21.3	0.5	7.74		<1	2	33	<0.08	<1	<1	40	<0.5		1190	<5	<10	0.6	<1000		6.56
DOUGLASC-P04	5/19/2008	46.30782	-113.2418	16	1.2	5.58			<3		<0.08		1	870	0.6	<1000		23		<10		5	
Doug_pberg_5	5/19/2008	46.3109	-113.2442	20	1.05 (f)	5.46			6		<0.08		1	230	0.5	1000		10		10			
DOUGLASC-P02	5/21/2008	46.31489	-113.28572	65	4.3	6.1			119		0.3		8	1080	20.7	4000		1280		200		20	
DOUGLASC-P01	7/8/2008	46.3303	-113.3094	81	3.31	6.8		<5	56		0.23		3	430	11	4000		752		180		26	
DOUGLASC-P02	8/12/2008	46.31489	-113.28572	137	1.33	3.7			72		0.94		2	280	0.7		8000	5430		890			42
DOUGLASC-P04	8/12/2008	46.30782	-113.2418	23	0.005	4.76			<3		<0.08		<1	200	<0.5		1000	18		<10			8
DOUGLASC-P01	6/2/2009	46.3303	-113.3094	51	5.1	7.53		7	83		1.8		12	810	40.2	3000		1160		350	17000	15	
DOUGLASC-P02	6/2/2009	46.31489	-113.28572	57	3.02	7.39			101		1.19		7	560	18.7	3000		952		170	8000	18	
DOUGLASC-P04	6/2/2009	46.30782	-113.2418	14	0.75	7.55			<3		1.01		<1	210	<0.5	<1000		8		<10	<4000	4	
DOUGLASC-P05	6/2/2009	46.3101	-113.2437	15	1.52	7.39			6		1		<1	130	0.5	<1000		6		<10	<4000	4	
C02FRSTC01	6/9/2009	46.3229	-113.2901	38.9	2.97	7.7		1	7	31	0.18	<1	3	260	15.4			216	<10	99	10400		
C02GRNTD01	6/9/2009	46.3098	-113.2734	288	0.38	6.7		4	353	10	1.02	<1	2	2190	0.6			14600	<10	1710	2000		
DOUGLASC-P01	8/18/2009	46.3303	-113.3094	111	2.28	7.53		3	43		0.27		2	320	4.1	7000		1610		340	6000	33	
DOUGLASC-P02	8/18/2009	46.31489	-113.28572	148	1.54	7.36			72		0.6		2	470	0.8	9000		4440		690	<4000	45	
DOUGLASC-P04	8/18/2009	46.30782	-113.2418	25	0.033	7.47			<3		<0.08		<1	300	<0.5	1000		40		<10	<4000	8	
DOUGLASC-P05	8/18/2009	46.3101	-113.2437	24	1	7.1			7		<0.08		<1	<30	<0.5	1000		<5		<10	<4000	7	
GRANITD01	8/18/2009	46.313	-113.2825	367	0.26	6.57		5	513		2.63		7	6090	0.8	21000		19300		2820	13000	112	
FROSTC01	8/19/2009	46.3229	-113.2901	58	0.81	7.52			5				<1		2.6	5000				30	<4000	16	
C02NDPMA01	6/9/2009	46.3129	-113.2332	24.2	0.14	7.6																	
NEWDEPART-ADIT	8/18/2009	46.3129	-113.2332	24	0.25	6.54																	
FLINTC01	9/3/2007	46.65334	-113.1474	273	37	8.64		<1	14	136	<0.08	<1	1	80	0.5		21400	64	<10	3.3	2260		73.9
FLINTC01	5/23/2008	46.65334	-113.1474	89	367	7.27		<5	14		0.11		8	1250	9.9		7000	197	<10	40	49000		24
FLINTC01	9/5/2008	46.65334	-113.1474	179	176	8.08		<5	11		<0.08		2	290	2.8		13000	97		10	7000		49

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni_ ugL	TR_Zn ugL	TSS ugL	TR_Ca mgl	D_Ca mgl
FLINTC01	6/2/2009	46.65334	-113.1474	85	468	7.55			13		1.32		5	860	9.1	6000		164		30	32000	23	
FLINTC01	8/25/2009	46.65334	-113.1474	182	159	7.78			10				3	340	3.4	14000		99		10	15000	49	
FLINTC04	9/5/2007	46.61159	-113.16109		21.3	8.37																	
FLINTC04	7/10/2008	46.61159	-113.16109	107	197	8.41		<5	16		<0.08		4	360	7.3		7000	130		30	15000		31
FLINTC04	9/4/2008	46.61159	-113.16109	152	127	8.37		<5	12		<0.08		3	300	4		11000	105		20	5000		43
FLINTC04	5/28/2009	46.61159	-113.16109	74	483	7.82			15		2.9		5	900	12.4	5000		201		40	37000	21	
FLINTC04	8/26/2009	46.61159	-113.16109	158	66.8	8.62			10				2	270	4.1	12000		105		10	11000	43	
FLINTC05	8/31/2007	46.55023	-113.21521	189	19.7	8.36		<1	10	131	<0.08	<1	1	50	0.7		14400	36	<10	4.6	1870		51.8
FLINTC05	5/20/2008	46.55023	-113.21521	59	399	6.5		<5	28		0.19		10	1190	28.3		4000	323		60	42000		18
FLINTC05	8/14/2008	46.55023	-113.21521	129	52.6			<5	6		<0.08		1	270	1.5			41		10			
FLINTC05	5/28/2009	46.55023	-113.21521	63	570	7.44			16		2.8		5	670	12.5	5000		171		30	25000	17	
FLINTC05	8/25/2009	46.55023	-113.21521	130	107	7.66			11				3	330	5.7	11000		104		20	12000	37	
FLINTC07	9/4/2007	46.48835	-113.23619	150	73.7	8.61		<1	13	116	<0.08	<1	2	170	5		12600	107	<10	15.3	7630		39.4
FLINTC07	5/20/2008	46.48835	-113.23619	41	375	5.83		<5	23		0.16		8	1030	20		3000	250		50	34000		12
FLINTC07	9/3/2008	46.48835	-113.23619	110	149	8.34		<5	12		<0.08		3	330	5.6		8000	91		20	12000		30
FLINTC07	6/3/2009	46.48835	-113.23619	59	465	7.72			14		1.12		4	580	10.4	4000		144		30	17000	16	
FLINTC07	8/25/2009	46.48835	-113.23619	120	179	8.12			11		0.1		3	370	6.4	10000		104		20	14000	31	
FLINTC08	8/28/2007	46.4706	-113.24037	151	100E	8.47		<1	14	122	<0.08	<1	3	160	4.9		13200	104	<10	12.8	7450		38.5
FLINTC08	5/21/2008	46.4706	-113.24037	65	202	6.64		<5	46		<0.08		12	1480	37.3		6000	565		110	64000		17
FLINTC08	8/13/2008	46.4706	-113.24037		88.2																		
FLINTC08	9/4/2008	46.4706	-113.24037	124		8.48		<5	16		<0.08		4	420	7.8		10000	129		20	10000		33
FLINTC08	5/27/2009	46.4706	-113.24037	84	305	7.27			34		1.08		13	1200	29.4	8000		384		90	52000	21	
FLINTC08	8/19/2009	46.4706	-113.24037	123	175	8.33			13				3	460	8.1	11000		142		30	21000	31	
FLINTC15	8/20/2007	46.22021	-113.28443	93.7	32.2	8.67		<1	3	24	<0.08	<1	<1	60	<0.5		10800	23	<10	2.4	<1000		19.7
FLINTC12	8/21/2007	46.31686	-113.33273	139	65.9	8.41		<1	4	113	<0.08	<1	1	130	<0.5		12200	16	<10	2.1	6900		35.5
FLINTC14	8/21/2007	46.2455	-113.33242		12.7	8.02																	
FLINTC11	8/24/2007	46.3386	-113.3211	141	59.8	8.67		<1	9	112	<0.08	<1	1	200	1.9		12400	42	<10	5.4	9200		36
FLINTC09	8/26/2007	46.39398	-113.30857	146	66.2	8.73		<1	12	116	<0.08	<1	2	160	3.3		12700	78	<10	8.5	6620		37.6
FLINTC08	8/28/2007	46.4706	-113.24037	151		8.47		<1	14	122	<0.08	<1	3	160	4.9		13200	104	<10	12.8	7450		38.5
FLINTC10	9/4/2007	46.36751	-113.31714	155	60	8.06		<1	13	120	<0.08	<1	1	190	3.7		13400	79	<10	9.5	7530		39.9
FLINTC13	5/19/2008	46.2768	-113.337	123	46.1	7.94		<5	<3		<0.08		1	230	<0.5		10000	27		<10	<4000		32
FLINTC15	5/19/2008	46.22021	-113.28443	118	47.5	6.95		<5	<3		<0.08		<1	120	<0.5		11000	110		<10	<4000		30
FLINTC10	5/20/2008	46.36751	-113.31714	69	163	6.15		<5	26		<0.08		4	650	11		6000	150		30	22000		18
FLINTC14	5/20/2008	46.2455	-113.33242	114	55.8	6.11		<5	<3		<0.08		<1	200	<0.5		11000	28		<10	4000		28
FLINTC08	5/21/2008	46.4706	-113.24037	65	202	6.64		<5	46		<0.08		12	1480	37.3		6000	565		110	64000		17
FLINTC09	5/21/2008	46.39398	-113.30857	56	163	6.11		<5	24		0.09		5	870	12.9		5000	190		40	24000		15
FLINTC11	5/21/2008	46.3386	-113.3211	61	160	6.12		<5	25		<0.08		3	720	9.2		5000	137		30	22000		16
FLINTC09	8/13/2008	46.39398	-113.30857	120	88			<5	14		<0.08		2	360	6.5			115		20			
FLINTC10	8/13/2008	46.36751	-113.31714	123	81.9			<5	11		<0.08		2	250	3.5			62		10			
FLINTC11	8/13/2008	46.3386	-113.3211	108	81.4			<5	8		<0.08		<1	260	1.5			30		<10			
FLINTC13	8/13/2008	46.2768	-113.337	108	11.8			<5	4		<0.08		<1	100	<0.5			28		20			
FLINTC14	8/13/2008	46.2455	-113.33242	95	24.1			<5	4		<0.08		<1	100	<0.5			37		<10			
FLINTC15	8/18/2008	46.22021	-113.28443	89	34.8			<5	<3		<0.08		<1	70	<0.5			27		5.82			
FLINTC08	9/4/2008	46.4706	-113.24037	124	missing	8.48		<5	16		<0.08		4	420	7.8		10000	129		20	10000		33
FLINTC08	5/27/2009	46.4706	-113.24037	84	305	7.27			34		1.08		13	1200	29.4	8000		384		90	52000	21	

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni ugL	TR_Zn ugL	TSS ugL	TR_Ca mgl	D_Ca mgl
FLINTC09	5/28/2009	46.39398	-113.30857	65	253	7.85			21		2.45		3	590	9.7	6000		117		30	23000	17	
FLINTC10	5/28/2009	46.36751	-113.31714	71	273	8.04			23		0.98		4	620	10.3	6000		116		30	22000	18	
FLINTC11	5/28/2009	46.3386	-113.3211	65	226	7.87			20		2.13		3	560	6	6000		62		10	18000	17	
FLINTC13	6/2/2009	46.2768	-113.337	112	42.4	7.91					0.99			220		11000		24			7000	28	
FLINTC14	6/3/2009	46.2455	-113.33242	110	26.5	7.79					2.07			270		10000		31			6000		
FLINTC15	6/3/2009	46.22021	-113.28443	110	53.3	7.56					1.09			120		10000		28				28	
FLINTC08	8/19/2009	46.4706	-113.24037	123	175	8.33			13				3	460	8.1	11000		142		30	21000	31	
FLINTC13	8/24/2009	46.2768	-113.337	118	44.6	7.95							1	150		10000		30			9000	22	
FLINTC14	8/24/2009	46.2455	-113.33242	97	52.3	7.81							1	130		10000		36			5000	22	
FLINTC15	8/24/2009	46.22021	-113.28443	92	60.9	7.78							1	120		10000		43				21	
FLINTC09	8/25/2009	46.39398	-113.30857	118	146	8.1			9				2	320	4.4	10000		84		10	17000	30	
FLINTC10	8/25/2009	46.36751	-113.31714	119	137	8.2			8				2	270	3.5	11000		65		10	14000	30	
FLINTC11	8/25/2009	46.3386	-113.3211	120	135	8.1			5				1	240	1.4	10000		30			14000	31	
TROUTC01	8/23/2007	46.25622	-113.35876	128	41.3	6.98		<1	2	113	<0.08	<1	<1	150	<0.5		11400	23	<10	1.5	8200		32.6
TROUTC01	5/19/2008	46.25622	-113.35876	111	25	7.8		<5	<3		<0.08		<1	340	<0.5		9000	20		<10	10000		29
TROUTC01	8/13/2008	46.25622	-113.35876	118	72.2			<5	<3		<0.08		<1	260	<0.5			23		<10			
TROUTC01	6/2/2009	46.25622	-113.35876		22.6	7.21																	
TROUTC01	8/18/2009	46.25622	-113.35876		64.9	7.77																	
NFFLINTC01	5/19/2008	46.19833	-113.26616	61				<5	<3		<0.08		2	720	<0.5		4000	25		<10	12000		18
NFFLINTC01	5/19/2008	46.19833	-113.26616		32	6.4																	
NFFLINTC01	8/18/2008	46.19833	-113.26616	103	4.98																		
NFFLINTC01	8/20/2007	46.19833	-113.26616		3.78	8.46																	
STEWARTMILLC01	8/20/2007	46.16618	-113.26878		9.4	7.64																	
LONDONADIT01	8/28/2007	46.4706	-113.2406	156				4	1120	235	0.85	<1	29	1910	120		13900	1520	<10	288	182000		39.8
LONDONADIT01	5/27/2009	46.4706	-113.2406	350	0.033	6.41		5	1150		7.51		4	12600	1	35000		1980	30	4830	16000	82	
LONDONADIT01	8/19/2009	46.4706	-113.2406	343	0.027	6.2		7	2110		1.86		<1	21500	0.5	35000		2250	20	2960	24000	80	
FREDBURRC02	8/22/2007	46.29043	-113.26235	26.1	1.64	6.84		<1	8	23	<0.08	<1	<1	80	<0.5		1450	27	<10	4.8	<1000		8.05
FREDBURRC01	8/22/2007	46.2994	-113.33025	65.6	0.27	7.42		<1	85	62	<0.08	<1	1	900	<0.5		3960	186	<10	6.2	1500		19.7
FREDBURRC03	8/23/2007	46.29223	-113.2429	22.1	1.15	6.55		<1	1	19	<0.08	<1	<1	10	<0.5		1170	<5	<10	0.8	<1000		6.91
FREDBURRC02	5/19/2008	46.29043	-113.26235	11	50	5.44			15		<0.08		2	220	1.1	<1000		28		10		4	
FREDBURRC03	5/19/2008	46.29223	-113.2429	21	50	5.35			<3		<0.08		1	150	<0.5	<1000		9		<10		4	
FREDBURRC01	5/19/2008	46.2994	-113.33025	17	71.7	5.36		<5	26		<0.08		3	270	8.2	<1000		50		20		4	
FREDBURRC02	8/12/2008	46.29043	-113.26235	19	2.66	8.41			6		<0.08		<1	70	<0.5		<1000	25		<10			6
FREDBURRC03	8/12/2008	46.29223	-113.2429	17	2	8.22			<3		<0.08		<1	<30	<0.5		<1000	<5		<10			6
FREDBURRC01	8/12/2008	46.2994	-113.33025	21	0.54	8.58		<5	27		<0.08		1	70	1		1000	9		<10			7
FREDBURRC01	6/2/2009	46.2994	-113.33025	9	94.5	7.35		<3	19		0.98 B		2	200	6	<1000		25		20	<4000	3	
FREDBURRC01	8/18/2009	46.2994	-113.33025	18	4.99	7.43		<3	14		<0.08		2	70	0.7	<1000		0.6		<10	<4000	6	
NFDOUGLASC02	8/30/2007	46.5001	-113.10099	167000	0.32	8.25		<1	2	9	7.31	<1	3	20	<0.5		5520	6	<10	971	<1000		58
NFDOUGLASC01	8/30/2007	46.4895	-113.14219	128000	1.13	8.4		<1	3	21	1.46	<1	3	160	<0.5		4110	14	<10	132	8780		44.6
NFDOUGLASC02	5/23/2008	46.5001	-113.10099	95000	1.73	6.22			4		8.23		48		3.3		3000		10	900	27000		33
NFDOUGLASC01	5/23/2008	46.4895	-113.14219	94000	4.57	7.2			6		8.14		53		8.3		3000		20	1070	115000		32
NFDOUGLASC03	5/23/2008	46.4985	-113.0957	145000	0.21	4.7			<3		107		646		<0.5		5000		70	9880	25000		50
NFDOUGLASC02	8/11/2008	46.5001	-113.10099	109000	1.25	8.24			<3		1.9		2		<0.5		3000		<10	250	<4000		39
NFDOUGLASC01	8/11/2008	46.4895	-113.14219	111000	1.35	8.93			<3		1.57		4		0.7		3000		<10	140	<4000		39
NFDOUGLASC03	8/11/2008	46.4985	-113.0957	108000	0.002	6.66			<3		77.8		100		0.8		4000		70	4990	<4000		37

Table B-6. Metals

Station ID	Actvty Date	Latitude	Longitude	Hrdnes mgL	Flow cfs	pH	D_Al ugL	TR_Sb ugL	TR_As ugL	TR_Ba ugL	TR_Cd ugL	TR_Cr ugL	TR_Cu ugL	TR_Fe ugL	TR_Pb ugL	TR_Mg ugL	D_Mg ugL	TR_Mn ugL	TR_Ni_ ugL	TR_Zn ugL	TSS ugL	TR_Ca mgl	D_Ca mgl
NFDOUGLASC02	5/28/2009	46.5001	-113.10099	102	1.1	7.12			<3		24.2		56		0.8	3000			20	2270	5000	35	
NFDOUGLASC03	5/28/2009	46.4985	-113.0957	83	0.6	5.97			<3		47.3		197		<0.5	3000			30	4240	<4000	28	
NFDOUGLASC02	8/24/2009	46.5001	-113.10099		1	7.95			<3		7.48		4		<0.5	5000			<10	1110	<4000	52	
SFLWILLOWC04	9/1/2007	46.46409	-113.39193	20	0.78	7.62		3	2	79	0.12	<1	19	100	0.8		2320	7	<10	7.1	2000		4.19
SFLWILLOWC02	9/1/2007	46.50337	-113.37806	20.9	2.17	7.57		10	5	75	0.16	<1	12	110	2.7		2600	10	<10	20.1	2400		4.08
SFLWILLOWC01	9/1/2007	46.5518	-113.32584	35.5	0.87	8.02		17	35	98	0.12	<1	32	690	8.4		4080	17	<10	9.4	2000		7.51
SFLWILLOWC02	6/9/2008	46.50337	-113.37806	10				<5	<3		0.14		18	480	3.8		1000	7	<10	20			2
SFLWILLOWC01	6/9/2008	46.5518	-113.32584	13				11	6		0.21		30	620	15.9		1000	20	<10	30			3
SFLWILLOWC05	7/8/2008	46.4556	-113.3926	11	2.77	5.82		<5	<3		<0.08		1	170	<0.5	<1000				<10		3	
SFLWILLOWC04.5	7/8/2008	46.4578	-113.3909	15	0.08	5.32		<5	<3		0.11		21	1380	3.4	1000				20		4	
SFLWILLOWC04	7/8/2008	46.46409	-113.39193	18	5.2	5.68		<5	<3		0.15		13	230	1.8	1000				30		5	
SFLWILLOWC03	7/8/2008	46.4839	-113.3907	13	5.13	5.8		5	<3		0.16		17	190	2.2	1000				20		3	
SFLWILLOWC02	7/10/2008	46.50337	-113.37806	20	6.2	8.2		10	5		0.1		20	210	5.5	2000				20		5	
SFLWILLOWC01	7/10/2008	46.5518	-113.32584	19	8.16	7.59		12	8		<0.08		20	240	4.8	2000				10		4	
SFLWILLOWC05	8/11/2008	46.4556	-113.3926	13	1.34	6.25		<5	<3		<0.08		1	100	<0.5		1000			<10			3
SFLWILLOWC04.5	8/11/2008	46.4578	-113.3909	11	0.013	7.26		<5	4		0.11		20	970	3.7		<1000			10			3
SFLWILLOWC04	8/11/2008	46.46409	-113.39193	12	1.8	7.93		<5	<3		0.16		15	100	2.4		1000			20			3
SFLWILLOWC03	8/11/2008	46.4839	-113.3907	12	2.23	8.22		8	4		0.2		18	60	1.8		1000			20			3
SFLWILLOWC02	8/11/2008	46.50337	-113.37806	19	4.09	8.09		11	7		0.12		15	160	4.6		2000			20			4
SFLWILLOWC01	8/11/2008	46.5518	-113.32584	22	1.12	8.17		14	13		<0.08		17	170	2.7		2000			<10			5
SFLWILLOWC05	5/27/2009	46.4556	-113.3926	6	51.6	5.96		<3	<3		1.48		2	170	<0.5	<1000				<10	<4000	1	
SFLWILLOWC04.5	5/27/2009	46.4578	-113.3909	14	3.5	6.31		3	<3		0.89		20	1370	3.1	1000				<10	<4000	3	
SFLWILLOWC04	5/27/2009	46.46409	-113.39193	6	59	5.79		<3	<3		1.94		6	220	1.4	<1000				<10	4000	1	
SFLWILLOWC03	5/27/2009	46.4839	-113.3907	6	79	6.12		8	<3		1.12		20	260	12.9	<1000				<10	<4000	1	
SFLWILLOWC02	5/27/2009	46.50337	-113.37806	8	98.1	6.49		17	7		1.15		40	490	30.8	<1000				20	10000	2	
SFLWILLOWC01	5/27/2009	46.5518	-113.32584	9	147	6.01		21	8		1.25		48	630	39.7	1000				30	23000	2	
SFLWILLOWC05	8/20/2009	46.4556	-113.3926	15	6	8.11		<3	<3		<0.08		1	130	<0.05	2000				<10	<4000	3	
SFLWILLOWC04	8/20/2009	46.46409	-113.39193	13	6	8.17		5	<3		<0.08		16	100	1.6	2000				10	<4000	3	
SFLWILLOWC03	8/20/2009	46.4839	-113.3907	14	8	7.71		9	4		0.1		19	70	2.3	2000				20	<4000	3	
SFLWILLOWC02	8/20/2009	46.50337	-113.37806	21	10	7.73		13	7		<0.08		17	190	6.1	2000				10	<4000	4	
SFLWILLOWC01	8/24/2009	46.5518	-113.32584	26	1.4	7.09		14	11		0.08		21	380	4.6	3000				10	<4000	6	
SFLWILLOWC04.5	8/20/2009	46.4578	-113.3909		dry																		
C02SMRTC02	8/17/2005	46.45355	-113.2907		0.34	8.23	<100	<3	4	149	<0.1	<1	2	20	<0.5		22000	8	<20	<10	<1000		46
C02SMRTC01	8/18/2005	46.49563	-113.24726			8.25	<100	<3	12	112	<0.1	<1	1	60	<0.5		16000	9	<20	<10	3000		50
SMARTC01	9/4/2007	46.51548	-113.2355	276	1.06	7.97		<1	14	149	<0.08	<1	3	330	<0.5		18400	37	<10	3.8	19000		80.2
SMARTC03	5/22/2008	46.45434	-113.28931	54	2.8	6.75											5000				31000		14
SMARTC02	5/22/2008	46.49645	-113.24658	81	5.85	6.87											7000				42000		22
SMARTC01	5/22/2008	46.51548	-113.2355	80	5.44	7.51		<5	7		<0.08		7	2190	1.9		6000	65		20	64000		21
SMARTC01	8/21/2008	46.51548	-113.2355	169	1.1			<5	9		<0.08		2	320	<0.5		15000	9		<10	13000		44
SMARTC01	6/2/2009	46.51548	-113.2355	167	5.3	7.64			19		1.49		6	1470	1.6	11000				10	53000	48	
SMARTC01	8/26/2009	46.51548	-113.2355	239	8.4	8.23			14		0.12		3	370		16000					14000	69	
SMARTC01	8/26/2009	46.51548	-113.2355																				